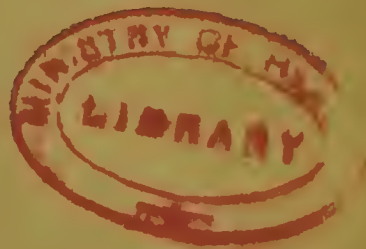


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DEVON COUNTY COUNCIL

(MEDICAL DEPARTMENT).



ANNUAL REPORT

OF THE

County Medical Officer

FOR THE YEAR

1938

EXETER :

RADDAN & SON, LTD., 22 COOMBE STREET.

DEVON COUNTY COUNCIL

(MEDICAL DEPARTMENT).



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OF THE

County Medical Officer

FOR THE YEAR

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RADDAN & SON, LTD., 22 COOMBE STREET.

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4, BARNFIELD CRESCENT,

EXETER.

July, 1939.

To the Chairman, Aldermen, and
Members of the Devon County Council.

MR. CHAIRMAN, MY LORDS,
LADIES AND GENTLEMEN,

I have the honour to present my tenth Annual Report upon the Public Health of the County of Devon.

The Report conforms as far as possible with the requirements of the Ministry of Health, and should be read in conjunction with my Survey Report for 1930.

The Maternal Mortality Rate 2.8 per 1,000 live births is the lowest recorded, with the exception of the year 1922. There has been a decrease in the Infant Mortality Rate, 49.4 per 1,000 births compared with 51.6 last year. This compares very favourably with the rate for England and Wales, viz. : 53.

The Birth Rate was 12.3 per 1,000 population, compared with 12.2 for 1937. The Death Rate shows a decrease, being 10.2 compared with 11.0 for last year.

The largest number of deaths was from Heart and Circulatory Diseases, 2,080. Tuberculosis deaths number 247 compared with 292 in 1937. Deaths from Cancer increased by 66 over the previous year, the rate 1.9 being the same as in 1937.

The Agricultural Act, 1937 which came into operation on the 1st April, provided that Veterinary duties carried out by the County Veterinary Officers be transferred to the Ministry of Agriculture and Fisheries. The Council's whole-time Veterinary

staff was accordingly transferred to the Ministry but there is close co-operation between the Ministry's officers and this Department.

The amount of work done at the County Laboratory still continues to increase, the number of specimens examined being 18,778 compared with 16,729 in 1937, and 14,472 in 1936.

I again take this opportunity of expressing my appreciation of the loyal co-operation and work of all members of my staff.

I have the honour to be,

Your obedient Servant,

L. MEREDITH DAVIES.

STAFF OF THE MEDICAL DEPARTMENT.

(A) Whole Time Officers.

County Medical Officer.

L. Meredith Davies, M.A., M.D., B.Ch. (Oxon.), D.P.H. (Oxon.),
M.R.C.S. (Eng.), L.R.C.P. (Lond.).

Deputy County Medical Officer.

J. Liddell Dunlop, M.D., Ch.B. (Glas.), D.P.H., D.T.M. & H.
(Camb.).

Tuberculosis Officers.

E. Ward, M.A., M.D., B.Ch. (Camb.), F.R.C.S. (Eng.). Also
M.O. of Whitecliff Hospital.

Colin J. Galbraith, M.B., B.S. (Lond.), D.P.H. (Lond.), M.R.C.S.
(Eng.), L.R.C.P. (Lond.). Also M.O. of Ivybank Hospital.

A. J. McMillan, M.R.C.S. (Eng.), L.R.C.P. (Lond.). Also M.O.
of Sydney House.

Hawkmoor Sanatorium.

(MEDICAL SUPERINTENDENT).

R. L. Midgley, M.D., B.S., M.R.C.P. (Lond.).

(HOUSE SURGEON).

T. A. Shaw, M.B., B.S. (Resigned).

C. F. Forrest, M.R.C.S. (Eng.), L.R.C.P. (Lond.). (Appointed
2.6.28).

County Bacteriologist.

T. Lawson McEwan, B.Sc., M.B., Ch.B., D.P.H. (St. Andrew),
F.I.C.

County Psychiatrist.

Alice Cox, M.D., Ch.B. (Glas.).

School Ophthalmic Surgeons.

M. L. Foxwell, M.R.C.S. (Eng.), L.R.C.P. (Lond.), D.P.H. (Lond.).

W. G. Hutton, B.A., M.R.C.S. (Camb.), L.R.C.P.

Chief Veterinary Officer.

D. S. Barbour, M.R.C.V.S. (Transferred to Ministry of Agriculture
and Fisheries).

Assistant Veterinary Officers.

J. C. Dyson, M.R.C.V.S.	} Transferred to Ministry of Agri- culture and Fisheries.
Barbara Hutton, M.R.C.V.S.	

Sanitary Inspector and Radiographer.

T. R. James, Cert. R.S.I., Meat Inspector's Cert., M.I.H.

Sanitary Inspector.

H. G. Bartram, Cert. R.S.I., Meat Inspector's Cert., A.M.I.S.E.
(Appointed 30.5.38).

Assistant Sanitary Inspector.

H. J. Brooks, Cert. R.S.I. (Resigned 31.3.38).

Inspector of Midwives and Chief Health Visitor.

Miss L. M. Booker, 1, 2, 3 and 4.

Health Visiting Staff.

AREA.		NAME OF HEALTH VISITOR.
Axminster	.....	Mrs. Rogers, 1.2.
Barnstaple U.	.....	Mrs. Armitage, 1.2.
Barnstaple R.	.....	Miss Edwards, 1.2.3.
Bideford	.....	Miss Lee, 1.2.4.
Crediton	.....	Miss O. Walters, 1.2.3.
Crownhill	.....	Miss Thompson, 2.4.
Dartmouth and Brixham	.....	Miss Rickman, 1.2.
Exmouth	.....	Miss Frayling, 1.2.
Holsworthy	.....	Miss Mason, 1.2.3.
Honiton	.....	Mrs. Butler, 1.2.3.
Ilfracombe	.....	Miss Caffyn, 1.2.3.
Kingsbridge	.....	Miss Sercombe, 1.2.3.
Newton Abbot U.	.....	Miss Parsons, 1.2.4.
Newton Abbot R.	.....	Miss M. Walters, 1.2.
Okehampton	.....	Miss Rata, 1.2.3.
Paignton	.....	Miss Bishop, 1.2.
Plympton	.....	Miss Honeywell, 1.2.3.
St. Thomas	.....	Miss James, 1.2.3.
St. Thomas West	.....	Miss Ellis, 1.2.
South Molton R.	.....	Miss Weeks, 1.2.3.
Tavistock	.....	Miss Stone, 1.2.3.
Tiverton	.....	Miss Kelland, 1.2.3.
Tiverton R.	.....	Miss Pester, 1.2.3.
Torrington R.	.....	Miss Goddard, 1.2.3.
Totnes U.	.....	Miss Acton, 1.2.
Totnes R.	.....	Miss Cottle, 1.2.3.

1—S.R.N.—State Registered Nurse.

2—S.C.M.—State Certified Midwife.

3—H.V.C.—Health Visitor's Certificate.

4—S.I.C. —Sanitary Inspector's Certificate.

Dental Attendants.

Barnstaple Area	.....	Miss E. Longney.
Exeter Area	.....	Miss F. Mann. (Transferred from Tiverton Area).
Holsworthy Area	.....	Miss F. Featherstone.
Honiton Area	.....	Mrs. W. L. Wedgery.
Kingsbridge Area	.....	Miss C. B. Golding.
Newton Abbot Area	.....	Mrs. W. Sabine.
Okehampton Area	.....	Mrs. A. M. Foley.
Tavistock Area	.....	Miss E. D. Brown.
Tiverton Area	.....	Miss P. M. Beale. Appointed 6.4.38.

(B) Part Time Officers.*Medical Officers in Charge of Maternity and Child Welfare Centres.*

- H. C. Jonas (Barnstaple), M.D. (Lond.), M.B., B.S., M.R.C.S., M.R.C.P. (Lond.).
- E. Pearson (Bideford), F.R.C.S. (Edin.), L.R.C.P. (Edin.).
- J. R. Ritchie (Braunton), M.R.C.S. (Eng.), L.R.C.P. (Lond.).
- A. Glen (Broadclyst), M.R.C.S. (Eng.), L.R.C.P. (Lond.).
- R. B. Thompson (Brixham), M.B., Ch.B. (Manch.).
- H. F. Hugo (Crediton), M.B., B.S. (London).
- F. N. Adams (Crownhill), M.R.C.S., L.R.C.P. (Lond.).
- K. M. Purves (Chagford), M.B., Ch.B. (Edin.), F.R.C.S. (Edin.).
- W. H. Green (Dartmouth), M.R.C.S. (Eng.), L.R.C.P. (Lond.).
- C. Beesley (Exmouth), L.R.C.P., L.R.C.S. (Edin.), L.R.F.P.S. (Glas.), D.P.H. (Camb.).
- A. King (Ilfracombe), M.B., Ch.B. (Edin.).
- J. R. Hatfield (Ipplepen and Kingskerswell), M.R.C.S. (Eng.), L.R.C.P. (Lond.).
- G. C. MacVicker (Ipplepen and Kingskerswell), M.R.C.S. (Eng.), L.R.C.P. (Lond.).
- M. B. Dixey (Moretonhampstead), M.B., Ch.B. (Edin.).
- F. N. Sidebotham (Ottery St. Mary), M.D. (Camb.), B.Ch., M.R.C.S. (Eng.), L.R.C.P. (Lond.).
- Miss F. L. Morris (Paignton), O.B.E., M.D., B.S. (Lond.). Also M.O. Ante-Natal Clinic.
- J. J. Landers (Princetown), M.B., B.Ch., B.A.O., D.P.H.
- R. G. Michelmore (Sidmouth and Sidbury), M.R.C.S. (Eng.), L.R.C.P., B.S.
- W. H. Simonds (Slapton), M.R.C.S. (Eng.), L.R.C.P. (Lond.), M.B., B.Ch. (Camb.).
- P. H. Seal (South Molton), M.B. (Lond.), M.R.C.S., L.R.C.P. (Lond.).

G. Lowe (Tiverton), M.B., Ch.B. (Liverpool), F.R.C.S. (Edin.).
 A. McDowell Davies (Totnes), M.R.C.S. (Eng.), L.R.C.P. (Lond.).

Medical Officer in Charge of Hawley Tuberculosis Hospital.

J. C. Dixey, B.A., M.B., B.Ch. (Oxon.).

Medical Officers in Charge of M.D. Institutions.

STOKE LYNE, EXMOUTH :

C. Beesley, L.R.C.P., L.R.C.S. (Edin.), L.R.F.P.S. (Glas.),
 D.P.H. (Camb.).

WESTERN LODGE, CREDITON :

W. H. Soady. (Deceased).

J. H. Sherren, L.R.C.P.I. & L.M., L.R.C.S.I. & L.M.
 (Appointed 1.7.38).

BOX HOUSE, AXMINSTER :

A. D. Morton, B.A., M.B., B.Ch. (Camb.), M.R.C.S. (Eng.),
 L.R.C.P. (Lond.).

County Analyst.

T. Tickle (Exeter), B.Sc., F.I.C.

Medical Officers in Charge of Venereal Diseases Clinics.

E. J. Hynes (Plymouth), F.R.C.S. (Edin.), L.R.C.P. (Lond.),
 D.P.H. (London).

H. C. Jonas (Barnstaple), M.D., (Lond.), B.S., M.R.C.S., L.R.C.P.
 (Lond.). (Resigned 30.4.38).

K. G. W. Sanders, F.R.C.S. (Edin.), M.R.C.S. (Eng.), L.R.C.P.
 (Lond.). (Appointed 1.5.38).

P. D. Warburton (Exeter), M.R.C.S. (Eng.), L.R.C.P. (Lond.),
 D.P.H. (Sheffield).

R. H. Robinson (Torquay), M.B., B.S. (Durham).

Orthopaedic Surgeons.

C. M. Kennedy, M.B.E., F.R.C.S. (Eng.), L.R.C.P. (Lond.).

N. Capener, F.R.C.S. (Eng.), L.R.C.P. (Lond.).

Assistant County Medical Officers.

(COMBINED APPOINTMENTS).

Newton Abbot Area—

W. H. Scott, M.C., M.R.C.S. (Eng.), L.R.C.P. (Lond.),
 D.P.H. (Bristol).

Okehampton Area—

E. D. Allen Price, M.B., Ch.B. (Birm.), D.P.H. (Birm.).

Plympton Area—

W. C. Smales, D.S.O., O.B.E., M.R.C.S. (Eng.), L.R.C.P. (Lond.), D.P.H. (R.C.S.I.).

St. Thomas Area—

W. J. Doyle, M.B., B.Ch., B.A.O., L.M., B.Sc. (Public Health), D.P.H.

Assistant County Medical Officers.

Barnstaple Area—

F. M. Rhodes, M.R.C.S. (Eng.), L.R.C.P. (Lond.), D.P.H. (Lond.).

Tiverton Area—

R. A. Hosegood, L.R.C.P., L.R.C.S. (Edin.).

Paignton Area—

E. M. Davies, M.B., B.Ch., B.Sc. (Wales), M.R.C.S. (Eng.), L.R.C.P. (Lond.), D.P.H. (R.C.P. & S.).

Honiton Area—

H. Mackenzie Wintle, M.R.C.S., L.R.C.P., D.P.H.

School Dental Surgeons.

Barnstaple Area	.....	R. J. Inder, L.D.S. (Eng.).
Exeter Area	.....	G. E. Morgan, D.D.S., H.D.D.
Holsworthy Area	.....	A. G. Smith, L.D.S. (Eng.).
Honiton Area	.....	J. M. Raymont, L.D.S. (Eng.).
Kingsbridge Area	.....	H. J. Fooks, L.D.S. (Eng.).
Newton Abbot Area	.....	J. E. B. Smith, L.D.S. (Eng.).
Okehampton Area	.....	B. J. Shapland, L.D.S. (Eng.).
Tavistock Area	.....	W. R. Myers, L.D.S. (Eng.).
Tiverton Area	.....	J. Fletcher, L.D.S. (Eng.), re- tired 12.2.38.
		F. Brabington-Perry, appointed 17.3.38.

CHANGES OF DISTRICT MEDICAL OFFICERS (PUBLIC ASSISTANCE), PUBLIC VACCINATORS, AND VACCINATION OFFICERS DURING 1938.

District Medical Officers (Public Assistance).

Appointments.		Resignations.
CREDITON AREA—		
W. S. O'Loughlin	1.7.38	H. E. C. Bentley.
NEWTON ABBOT AREA—		
C. G. MacVicker	29.12.38	J. R. Hatfield.
ST. THOMAS AREA—		
T. Scoresby-Jackson	1.4.38	E. E. Nicoll.
TIVERTON AREA—		
J. T. Murphy	16.1.38	G. G. Gidley (deceased).

Public Vaccinators.

Appointments.		Resignations.
BARNSTAPLE AREA—		
J. R. Ritchie	1.11.38	J. C. G. Dickinson (deceased) —.8.38.
CREDITON AREA—		
J. H. Sherren	1.7.38	W. H. Soady (deceased) 8.6.38.
W. S. O'Loughlin	1.8.38	H. E. C. Bentley 31.7.38
NEWTON ABBOT AREA—		
F. S. L. Piggott	1.6.38	J. M. Courtney 31.5.38
Violet Fry	1.7.38	A. L. M. Sealy 30.6.38
G. C. MacVicker	1.1.39	J. R. Hatfield 28.12.38
ST. THOMAS AREA—		
T. Scoresby-Jackson	1.4.38	E. E. Nicholl 31.3.38
P. A. Hederman	1.1.39	E. G. Bunbury 31.12.38
TAVISTOCK AREA—		
E. Graham-Pole	1.10.38	C. C. Brodrick 30.9.38
TIVERTON AREA—		
J. T. Murphy	1.3.38	G. G. Gidley (deceased).

Vaccination Officers.

AXMINSTER AREA—		
J. M. Head	1.1.39	A. J. Edwards 31.12.38

LIST OF MEDICAL OFFICERS OF HEALTH.

District.	Name.	Date Report received.
URBAN.		
Ashburton	Dr. E. A. Ellis	27th June, 1939
Axminster	„ A. L. Crockford	3rd July, 1939
Barnstaple	„ H. C. Jonas	28th June, 1939
Bideford	„ Ellis Pearson	
Brixham	„ R. B. Thompson	14th Aug., 1939
Buckfastleigh	„ Sydney R. Williams	11th Aug., 1939
Budleigh Salterton	„ Clarence Beesley	26th June, 1939
Crediton	„ H. F. L. Hugo	14th June, 1939
Dartmouth	„ W. H. Green	
Dawlish	„ W. H. Scott	16th June, 1939
Exmouth	„ U. M. Hopkins	4th April, 1939
Holsworthy	„ W. G. Gray	
Honiton	„ D. Steele-Perkins	26th June, 1939
Ilfracombe	„ D. C. Adam	21st June, 1939
Kingsbridge	„ W. C. Smales	6th July, 1939
Lynton	„ N. Anderman	
Newton Abbot	„ W. H. Scott	16th June, 1939
Northam	„ J. E. Francis	21st June, 1939
Okehampton	„ E. D. Allen-Price	21st June, 1939
Ottery St. Mary	„ F. N. Sidebotham	8th May, 1939
Paignton	„ R. Julyan George	6th July, 1939
Salcombe	„ Daniel O. Twining	
Seaton	„ A. Kennedy	24th June, 1939
Sidmouth	„ E. L. Perry	
South Molton	„ R. A. Nash	
Tavistock	„ E. D. Allen-Price	15th July, 1939
Teignmouth	„ F. Stanley L. Piggott	27th June, 1939
Tiverton	„ G. Nicholson	
Torrington, Great	„ F. Pridham	
Torquay	„ J. V. A. Simpson	1st July, 1939
Totnes	„ I. Jefferiss	
RURAL.		
Axminster	Dr. A. L. Crockford	24th June, 1939
Barnstaple	„ J. R. Harper	28th June, 1939
Bideford	„ Leonard B. Betts	
Broadwoodwidge	„ E. G. Saunders	18th July, 1939
Crediton	„ L. Pownc	6th July, 1939
Holsworthy	„ W. G. Gray	
Honiton	„ D. Steele-Perkins	12th June, 1939
Kingsbridge	„ W. C. Smales	8th July, 1939
Newton Abbot	„ W. H. Scott	19th June, 1939
Okehampton	„ E. D. Allen-Price	
Plympton St. Mary	„ W. C. Smales	1st July, 1939
South Molton	„ W. G. Mortimer	11th July, 1939
St. Thomas	„ W. J. Doyle	30th June, 1939
Tavistock	„ C. C. Brodrick	
Tiverton	„ G. Nicholson	13th July, 1939
Torrington	„ F. Pridham	
Totnes	„ S. C. Jellicoe	
PORT.		
Barnstaple	Dr. H. S. Valentine	
Dartmouth and Totnes	„ J. H. Harris	
Exeter	„ Clarence Beesley	10th Mar., 1939
Kingsbridge and Salcombe	„ D. O. Twining	
Plymouth	„ T. Peirson	
Teignmouth	„ F. Stanley L. Piggott	27th June, 1939

LIST OF SANITARY INSPECTORS.

District.	Name.	Date Report received.
URBAN.		
Ashburton	A. Fallows, C.R.S.I.†	24th Feb., 1939
Axminster	W. H. Biggs, C.R.S.I.†	3rd Feb., 1939
Barnstaple	A. E. Tucker, C.R.S.I.†	15th Feb., 1939
Bideford	John Ackland, C.R.S.I.†	11th Mar., 1939
Brixham	F. L. Godfrey, C.R.S.I.†	12th Jan., 1939
Buckfastleigh	Lionel M. Williams, C.R.S.I.†	18th Feb., 1939
Budleigh Salterton	John B. Holden, A.R.S.I.	29th Mar., 1939
Crediton	F. Johns, C.R.S.I.	6th Feb., 1939
Dartmouth	W. H. Jefford, C.R.S.I.†	14th Mar., 1939
Dawlish	H. G. Ferrett, C.R.S.I.†	24th July, 1939
Exmouth	E. A. C. Long, C.R.S.I.†	13th Jan., 1939
Holsworthy	R. S. Davey, C.R.S.I.†	24th Jan., 1939
Honiton	John Wm. Jones, M.I.M. & C.E., M.R.S.I.	25th Jan., 1939
Ilfracombe	F. J. Saunders, C.R.S.I.†	7th Jan., 1939
Kingsbridge	E. Gellender, C.R.S.I.	1st Mar., 1939
Lynton	Alfred F. Gibbs, C.R.S.I.	27th June, 1939
Newton Abbot	C. E. Pethick, C.R.S.I.†	15th July, 1939
Northam	Arthur Richards, M.S.I.A.	1st Mar., 1939
Okehampton	R. A. Brunskill, C.R.S.I.	6th June, 1939
Ottery St. Mary	Ernest Rogers, M.I.M. & C.E., A.R.S.I.	9th Feb., 1939
Paignton	F. J. Thick, C.R.S.I.†	10th Feb., 1939
Salcombe	J. W. Stevens, M.I.M. & C.E., M.R.S.I.	17th June, 1939
Seaton	D. Rhys Price, M.R.S.I.	19th May, 1939
Sidmouth	S. T. Chard, C.R.S.I.†	29th Mar., 1939
South Molton	H. Settle, C.R.S.I.	9th June, 1939
Tavistock	J. N. Singleton, M.I.M. & C.E., M.R.S.I.	16th May, 1939
Teignmouth	Norman S. Tucker, C.R.S.I.†	18th Mar., 1939
Tiverton	F. Langmead, C.R.S.I.†	27th Mar., 1939
Torrington, Great	R. W. C. Kingsley, C.R.S.I.†	10th Jan., 1939
Torquay	G. E. Body, C.R.S.I.†	6th Feb., 1939
Totnes	J. W. Smith, M.I.M. & C.E., C.R.S.I.	13th Mar., 1939
RURAL.		
Axminster	W. H. Biggs, C.R.S.I.†	2nd Feb., 1939
Barnstaple	S. P. Smith, C.R.S.I.† A.M. Inst. B.E.	3rd June, 1939
Bideford	H. D. Dack	Not received
Broadwoodwidge	T. A. Judd, C.R.S.I.†	Not received
Crediton	E. Chell, C.R.S.I.	24th July, 1939
Holsworthy	E. A. Hooper, C.R.S.I.†	26th Jan., 1939
Honiton	R. B. Bailey, C.R.S.I.†	25th May, 1939
Kingsbridge	M. S. Powling, C.R.S.I.†	28th April, 1939
Newton Abbot	A. Gray, C.R.S.I.	9th Feb., 1939
Okehampton	L. R. Chapman, C.R.S.I.†	13th July, 1939
Plympton St. Mary	R. T. Fedrick, C.R.S.I.†	30th Mar., 1939
South Molton	A. G. Oxland, C.R.S.I.†	28th Feb., 1939
St. Thomas	W. T. Hawker, M.I.M. & C.E., C.R.S.I.	1st Mar., 1939
Tavistock	Thos. Hy. Harris, C.R.S.I.†	11th May, 1939
Tiverton, No. 1	W. Kemp, C.R.S.I.†	4th Mar., 1939
Tiverton, No. 2	A. J. Dennis, C.R.S.I.†	4th Mar., 1939
Tiverton, No. 3	W. P. Roberts, C.R.S.I.†	27th Feb., 1939
Torrington	G. Knapman, C.R.S.I.	23rd May, 1939
Totnes, 1	A. F. Steele, C.R.S.I.†	1st Aug., 1939
Totnes, 2	R. J. P. Madge, C.R.S.I.†	15th May, 1939

†Meat Inspector's Certificate.

GENERAL TABLE I.

RATES PER 1,000 POPULATION.

District.	Populations (Estimated mid 1938).	Deaths			Principal In- fectious Diseases Deaths		Tuberculosis Deaths		Cancer Deaths		Heart and Circulatory Diseases		Nephritis		Respiratory Diseases	
		No.	Crude Rate	Correct'd Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
URBAN.																
Ashburton	2,395	37	15.4	12.1	—	—	1	0.4	4	1.6	13	5.4	—	—	3	1.2
Axminster	2,355	26	11.0	8.9	2	0.8	1	0.4	3	1.2	7	2.9	1	0.4	4	1.6
Barnstaple	14,680	204	13.8	11.0	2	0.1	8	0.5	23	1.5	66	4.4	5	0.3	14	0.9
Bideford	9,294	111	11.9	9.1	—	—	3	0.3	17	1.8	42	4.5	3	0.3	6	0.6
Brixham	8,178	118	14.4	11.5	—	—	2	0.2	36	4.4	21	2.5	1	0.1	12	1.4
Buckfastleigh	2,452	34	13.8	10.9	1	0.4	—	—	4	1.6	13	5.3	2	0.8	2	0.8
Budleigh Salterton	3,388	57	16.8	11.9	—	—	—	—	11	3.2	25	7.3	1	0.2	3	0.8
Crediton	3,719	59	15.8	10.9	—	—	2	0.5	12	3.2	24	6.4	3	0.8	5	1.3
Dartmouth	5,966	83	13.9	12.5	1	0.1	2	0.3	9	1.5	21	3.5	2	0.3	7	1.1
Dawlish	5,455	78	14.2	10.0	1	0.1	7	1.2	13	2.3	24	4.3	4	0.7	4	0.7
Exmouth	15,170	243	16.0	10.7	2	0.06	7	0.4	45	2.9	88	5.8	6	0.3	18	1.1
Great Torrington	2,785	39	14.0	10.7	—	—	2	0.7	2	0.7	17	6.1	2	0.7	3	1.0
Holsworthy	1,357	15	11.0	9.0	—	—	—	—	2	1.4	5	3.6	1	0.7	—	—
Honiton	3,027	35	11.5	9.0	—	—	3	0.9	3	0.9	18	5.9	1	0.3	2	0.6
Ilfracombe	8,206	121	14.7	10.1	1	0.1	8	0.9	18	2.1	53	6.4	3	0.3	9	1.0
Kingsbridge	3,084	40	12.9	9.2	—	—	2	0.6	11	3.5	10	3.2	—	—	—	—
Lynton	1,808	25	13.8	11.5	—	—	2	1.1	1	0.5	11	6.0	—	—	6	3.3
Newton Abbot	14,570	192	13.1	9.9	2	0.1	6	0.4	25	1.7	72	4.9	5	0.3	18	1.2
Northam	5,272	68	12.8	10.3	—	—	4	0.7	13	2.4	27	5.1	1	0.1	5	0.9
Okehampton	3,562	52	14.5	12.1	—	—	1	0.2	8	2.2	21	5.8	1	0.2	5	1.4
Ortery St. Mary	3,562	61	17.1	13.1	—	—	4	1.1	8	2.2	17	4.7	2	0.5	7	1.9
Paignton	21,910	309	14.1	10.4	3	0.1	14	0.6	34	1.5	115	5.2	9	0.4	23	1.0
Salcombe	2,216	29	13.0	9.1	1	0.4	—	—	5	2.2	7	3.1	—	—	1	0.4
Seaton	2,501	40	15.9	10.8	—	—	2	0.7	7	2.7	14	5.5	—	—	1	0.3
Sidmouth	8,414	130	15.4	11.3	—	—	2	0.2	23	2.7	52	6.1	4	0.4	11	1.3
South Molton	2,767	36	13.0	9.8	1	0.3	1	0.3	3	1.0	12	4.3	1	0.3	1	0.3
Tavistock	5,556	74	13.3	9.4	1	0.1	1	0.1	9	1.6	25	2.6	2	0.3	2	0.3
Teignmouth	9,750	131	13.3	9.0	—	—	8	0.8	29	2.9	36	3.6	3	0.3	9	0.9
Tiverton	9,870	154	15.6	12.3	1	0.1	8	0.8	12	1.2	67	6.7	8	0.8	12	1.2
Torquay	44,440	611	13.7	10.4	9	0.1	33	0.7	108	2.4	215	4.8	17	0.3	45	1.0
Totnes	4,691	50	10.6	8.0	—	—	4	0.8	5	1.0	11	2.3	1	0.2	2	0.4
URBAN	232,400	3262	14.0	10.5	28	0.1	138	0.5	503	2.1	1149	4.9	89	0.3	240	1.0
RURAL.																
Axminster	10,210	125	12.2	9.3	—	—	7	0.6	17	1.6	41	4.0	8	0.7	10	0.9
Barnstaple	18,840	235	12.4	9.5	2	0.1	7	0.3	30	1.5	100	5.3	6	0.3	17	0.9
Bideford	5,051	46	9.1	7.3	—	—	2	0.3	7	1.3	16	3.1	1	0.1	7	1.3
Broadwoodwidge	1,955	25	12.7	11.5	—	—	—	—	6	3.0	4	2.0	3	1.5	—	—
Crediton	9,348	113	12.0	9.3	—	—	2	0.2	13	1.3	36	3.8	8	0.8	15	1.6
Holsworthy	6,178	74	11.9	9.7	1	0.1	1	0.1	8	1.2	33	5.3	1	0.1	10	1.6
Honiton	6,768	78	11.5	9.0	—	—	2	0.2	14	2.0	28	4.1	3	0.4	7	1.0
Kingsbridge	10,580	131	12.3	9.4	—	—	3	0.2	18	1.7	41	3.8	5	0.4	6	0.5
Newton Abbot	21,480	310	14.4	11.6	1	0.04	13	0.6	38	1.7	118	5.4	8	0.3	35	1.6
Okehampton	11,790	157	13.3	10.7	—	—	5	0.4	18	1.5	61	5.1	2	0.1	13	1.1
Plympton St. Mary	35,100	419	11.9	10.4	10	0.2	28	0.7	76	2.1	108	3.0	7	0.1	33	0.9
St. Thomas	29,350	358	12.1	9.6	4	0.1	16	0.5	60	2.0	115	3.9	12	0.4	29	0.9
South Molton	9,024	129	14.2	11.7	—	—	3	0.3	15	1.6	41	4.5	5	0.5	12	1.3
Tavistock	13,790	170	12.3	10.2	1	0.07	2	0.1	28	2.0	49	3.5	5	0.3	14	1.0
Tiverton	19,020	233	12.2	10.0	1	0.05	9	0.4	33	1.7	60	3.1	12	0.6	26	1.3
Torrington	7,426	95	12.7	10.1	1	0.1	1	0.1	13	1.7	31	4.1	3	0.4	8	1.0
Totnes	12,390	139	11.2	8.7	—	—	8	0.6	19	1.5	49	3.9	3	0.2	9	0.7
RURAL	228,300	2837	12.4	10.0	21	0.09	109	0.4	413	1.8	931	4.0	92	0.4	251	1.0
ADMINISTRATIVE COUNTY	460,700	6099	13.2	10.2	49	0.1	247	0.5	916	1.9	2080	4.5	181	0.3	491	1.0



CHANGES IN GENERAL PROVISION OF HEALTH SERVICES.

Maternity and Child Welfare Centres.

The number of centres provided or subsidised by the County Council was 40.

CHIEF VITAL STATISTICS.

The following is a brief summary of the chief vital statistics for the year 1938.

*Births.

5,703 were registered, corresponding to a birth rate of 12.3 per 1,000 population.

†General Mortality.

6,099 deaths occurred from all causes, giving a crude death rate of 13.2 per 1,000 population. The adjusted rate being 10.2 per 1,000 population, compared to 11.6 for England and Wales.

*Infantile Mortality.

The number of deaths under one year amounted to 282, which corresponds to a rate of 49.4 per 1,000 births, compared to 51.6 for 1937, which was the lowest on record.

*Maternal Mortality.

16 deaths occurred as a result of child birth, giving a rate of 2.8 per 1,000 live births, or 2.6 per 1,000 total births (live and still).

*(Further reference is made under the Maternity and Child Welfare section of the Report).

†(Further reference is made later under "General Mortality.")

Area.

GENERAL STATISTICS.

The area of the Administrative County is 1,660,948 acres. It is divided into 31 Urban Districts and 17 Rural Districts.

Population.

In the Census Returns for 1931 the population of the Administrative County is given as 458,664, an increase of 18,668 over that given in the Census Returns for 1921, viz., 439,996. The estimated population given by the Registrar General for mid 1938 was 460,700.

Rateable Value.

The rateable value of the administrative county for General Purposes is £3,173,472. A penny rate produces £12,750.

General Mortality.

The Registrar-General has issued comparability factors for adjusting Local Death Rates. The factors represent the extent to which the ordinary crude death rates should be modified in order to provide a valid mortality comparison as between one population and another. The reason for the modification being that the populations of all areas are not similarly constituted as regards the proportions of their sex and age group components.

The result of applying these factors in the Administrative County will be seen in Table I, where the crude and adjusted death rates are shown for each of the Urban and Rural Districts, and in the table below, where it will be observed that whereas the crude rate for the County is 13.2, the adjusted rate for the County is 10.2, compared to 11.6 for England and Wales.

The total number of deaths registered during the year was 6,099 (urban 3,262, rural 2,837), compared with 6,531 for 1937.

The following table shows the crude and adjusted death rates in the Administrative County, compared to the rates for England and Wales, for the last 5 years :—

Year	.....	.....	.....	1934	1935	1936	1937	1938
Crude rate	.....	.....	.....	13.5	13.1	13.4	14.2	13.2
Adjusted rate	.....	.....	.....	10.4	10.2	10.4	11.0	10.2
England and Wales	.....	.....	.....	11.8	11.7	12.1	12.4	11.6

Table I shows the number of deaths, with death rates per 1,000 population, from some of the more important diseases in each Urban and Rural District of the Administrative County. In the Urban Districts the highest general death rate was in Ottery St. Mary (13.1), and the lowest Totnes (8.0). In the Rural Districts the highest death rate was Newton Abbot (14.4), and the lowest Bideford (7.3). For the combined Urban Districts the death rate was 14.0, and for the combined Rural Districts 12.4, the adjusted rates being 10.5 and 10.0 respectively.

Tables X and XI at the end of this Report show the distribution and causes of deaths in the several districts, and the causes of death at different periods of life in the Administrative County for the year 1938.

Cancer.

During the year 1938 there were 916 deaths from Cancer (369 males and 547 females), corresponding to a death rate of 1.9 per 1,000 of the population, compared with 895 and 1.9 for the year 1937. Of the 916 deaths, 93.7 per cent. occurred in persons aged 45 and over.

The death rate in the combined Urban Districts was 2.1 compared with 1.8 for the combined Rural Districts.

The following table shows the death rates for the last ten years :—

Districts.	Rates per 1,000 of population.									
	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938
Urban	1.8	1.8	1.6	2.0	1.9	1.9	2.2	2.1	2.1	2.1
Rural	1.5	1.5	1.5	1.6	1.6	1.8	1.8	1.7	1.7	1.8
Administrative County	1.7	1.7	1.6	1.8	1.8	1.9	2.0	1.9	1.9	1.9

The County Council have no specific agreements, but arrangements exist whereby patients can receive treatment at the Royal Devon and Exeter Hospital, Exeter, Prince of Wales Hospital, Plymouth, and Torbay Hospital, Torquay. These Hospitals have facilities for diagnosis and treatment.

Infectious Diseases.

In the Administrative County there were 49 deaths from the principal Infectious Diseases, which corresponds to a rate of 0.1 per 1,000 of the population.

Heart and Circulatory Diseases.

In the Administrative County there were 2,080 deaths from Diseases of the Heart and Circulatory System (1,026 males and 1,054 females), corresponding to a death rate of 4.5 per 1,000 of the population compared with 2,196 and 4.7 in 1937. Of these 1,149 (4.9 per 1,000) occurred in the combined Urban Districts, and 931 (4.0 per 1,000) occurred in the combined Rural Districts.

In Table I will be found the number of deaths and death rates from these diseases for the several districts of the County.

Nephritis.

In the Administrative County there were 181 deaths from Acute and Chronic Nephritis (89 males and 92 females), corresponding to a death rate of 0.3 per 1,000 of the population, compared with 201 and 0.4 in 1937. Of these 89 (0.3 per 1,000) occurred in the combined Urban Districts and 92 (0.4 per 1,000) occurred in the combined Rural Districts.

In Table I will be found the number of deaths and death rates from this disease for the several districts of the County.

Respiratory Diseases.

(Bronchitis, Pneumonia and other Respiratory Diseases). There were 491 deaths (265 males and 226 females) from these diseases in the Administrative County or a death rate of 1.0 per 1,000 of the population, compared with 594 and 1.2 for 1937. In the combined Urban Districts there were 240 deaths (1.0 per 1,000), and in the combined Rural Districts 251 (1.0 per 1,000).

Table I shows the number of deaths and the death rate for each district of the County.

PREVALENCE AND CONTROL OF INFECTIOUS DISEASE

Small-Pox.

There were no cases of Small-Pox reported in the County; 18 cases were reported for the whole of England and Wales.

The Table facing this page gives an analysis of the Vaccination Officers' Returns to the Registrar General. This Table refers chiefly to children born in the year 1937 (columns 2 to 11).

Of these children, 34.2 per cent. were successfully vaccinated, and in respect of 51.8 per cent. vaccination was refused on account of "Conscientious Objection" by the parents, compared to 36.4 per cent. and 50.4 per cent. respectively for the previous year.

Table II shows the effect of the Vaccination Acts in the several districts of the Administrative County during 1938.

Encephalitis Lethargica.

Two cases were notified under the Notification Act and Regulations, and 2 deaths were reported, compared with 5 and 8 respectively for 1937.

TABLE II.

Return respecting the Vaccination of Children whose births were registered from 1st January to 31st December, 1937.

GUARDIANS COMMITTEE AREAS.	No. of Births on Lists.	No. of these Births duly entered in Vaccination Register by 31st Jan., 1939.					No. of these Births unentered Vac. Reg. on 31-1-39.			No. of these Births unac- counted for in Cols. 3 to 10.	Total No. of certif. of primary Vaccina- tion of children under 14 received in 1938.	No. of Statutory Declara- tions of Conscien- tious Objection received in 1938.
		Success- fully Vaccin.	Insuscep- tible of Vaccin.	Had Small Pox.	Conscien- tious Objections received.	Died Unvac- cinated.	Post- poned by Med. Certif.	Removed elsewhere and Vac. Officer apprised.	Removed to place unknown.			
1	2	3	4	5	6	7	8	9	10	11	12	13
Axminster	169	75	1	—	64	6	—	—	—	23	93	75
Barnstaple	559	59	2	—	383	30	33	10	25	17	53	384
Bideford	261	58	1	—	163	7	5	2	5	20	70	130
Crediton	161	86	—	—	67	3	1	—	3	1	91	59
Holsworthy	101	29	—	—	63	4	—	1	2	3	19	70
Honiton	248	110	1	—	96	16	6	4	6	9	129	89
Kingsbridge	138	82	2	—	41	2	2	—	4	4	73	15
Newton Abbot	1156	330	2	—	691	48	9	15	47	14	379	676
Okehampton	166	62	1	—	67	8	2	4	11	11	90	99
Plympton	314	124	2	—	114	8	10	19	7	30	144	91
South Molton	149	45	—	—	95	6	—	—	—	3	40	66
St. Thomas	487	250	6	—	187	21	3	3	8	9	301	178
Tavistock	207	67	—	—	123	4	1	4	—	8	61	125
Tiverton	322	141	2	—	125	11	5	9	7	22	169	131
Torrington	106	27	—	—	58	1	—	—	10	10	20	30
Totnes	610	221	1	—	335	17	12	3	13	8	205	329
TOTALS	5154	1767	21	—	2672	192	89	74	148	191	1937	2547

TABLE III. 1938.
NOTIFIABLE DISEASES.

DISTRICTS.	Scarlet Fever		Diphtheria & Membranous Croup		Enteric Fever		Pneumonia. *		Puerperal Pyrexia (including Puerperal Fever)		Poliomyelitis Polio-Encephalitis		Cerebro-Spinal Fever		Encephalitis Lethargica.		Ophthalmia Neonatorum.		Total.	
	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
URBAN.																				
Ashburton	—	—	—	—	—	—	2	—	2	—	—	—	—	—	—	—	—	—	4	—
Axminster	9	—	—	—	4	—	6	2	—	—	—	—	—	—	—	—	—	—	19	2
Barnstaple	20	—	15	—	1	1	21	7	8	—	—	—	—	—	—	—	5	—	70	8
Bideford	59	—	—	—	—	—	3	5	—	—	—	—	—	1	—	—	—	—	62	6
Brixham	7	—	—	—	—	—	25	5	1	—	1	—	—	—	—	—	2	—	36	5
Buckfastleigh	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	1
Budleigh Salterton	—	—	—	—	—	—	2	2	—	—	—	—	—	—	—	—	—	—	2	2
Crediton	5	—	—	—	—	—	2	4	—	—	—	—	—	—	—	—	—	—	7	4
Dartmouth	3	—	—	—	—	—	5	5	—	—	—	—	—	—	—	—	3	—	11	5
Dawlish	6	—	2	—	1	—	2	1	—	—	—	—	—	—	—	—	—	—	11	1
Exmouth	5	—	—	—	—	—	6	10	1	—	—	—	—	—	1	—	—	—	12	11
Holsworthy	7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	7	—
Honiton	12	—	2	—	—	—	1	1	—	—	—	—	—	—	—	—	—	—	15	1
Ilfracombe	12	—	—	—	—	—	15	7	1	—	—	—	—	—	—	—	—	—	28	7
Kingsbridge	6	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	7	—
Lynton	1	—	4	—	—	—	2	4	—	—	—	—	1	—	—	—	—	—	8	4
Newton Abbot	5	—	2	—	—	—	—	4	1	—	—	—	—	—	—	—	—	—	8	4
Northam	17	—	—	—	1	—	2	3	—	—	—	—	—	—	—	—	—	—	20	3
Okehampton	—	—	1	—	—	—	3	2	—	—	—	—	—	—	—	—	—	—	4	2
Ottery St. Mary	—	—	5	—	—	—	—	4	—	—	—	—	—	—	—	—	—	—	5	4
Paignton	42	—	19	—	—	—	16	11	1	—	—	—	—	1	1	—	—	—	79	12
Salcombe	1	—	1	—	—	—	1	1	1	—	—	—	—	—	—	—	—	—	4	1
Seaton	—	—	—	—	—	—	1	1	1	—	—	—	—	—	—	—	—	—	2	1
Sidmouth	14	—	—	—	3	—	1	10	—	—	—	—	—	—	—	—	1	—	19	10
South Molton	5	—	—	—	—	—	2	1	1	—	—	—	—	—	—	—	—	—	8	1
Tavistock	6	—	—	—	—	—	—	2	—	—	—	—	—	—	—	1	—	—	6	3
Teignmouth	3	—	—	—	—	—	10	3	1	—	—	—	—	—	—	—	2	—	16	3
Tiverton	18	—	—	—	—	—	1	5	4	—	—	—	—	—	—	—	—	—	23	5
Torrington	6	—	3	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	9	1
Torquay	85	—	22	1	—	—	24	17	18	—	1	—	—	—	1	—	1	—	152	18
Totnes	7	—	2	—	—	—	—	2	—	—	1	1	—	—	—	—	—	—	10	3
Totals	361	—	78	1	10	1	153	121	41	—	3	1	2	2	2	2	14	—	664	128
RURAL.																				
Axminster	10	—	1	—	1	—	5	5	1	—	—	—	—	—	—	—	2	—	20	5
Barnstaple	22	—	—	—	—	—	24	8	1	—	1	—	—	—	—	—	1	—	49	8
Bideford	6	—	—	—	—	—	1	5	—	—	—	—	—	—	—	—	—	—	7	5
Broadwoodwidge	—	—	—	—	—	—	2	—	2	1	—	—	—	—	—	—	—	—	4	1
Crediton	9	—	—	—	—	—	9	7	2	—	—	—	—	—	—	—	—	—	20	7
Holsworthy	46	—	—	—	—	—	13	7	—	—	—	—	—	—	—	—	1	—	60	7
Honiton	13	—	—	—	—	—	1	4	—	—	—	—	—	—	—	—	—	—	14	4
Kingsbridge	7	—	2	—	—	—	3	2	—	—	—	—	—	—	—	—	1	—	13	2
Newton Abbot	16	—	3	—	—	—	10	23	4	1	—	—	—	—	—	—	1	—	34	24
Okehampton	5	—	7	—	2	—	3	8	—	—	—	—	—	—	—	—	—	—	17	8
Plympton St. Mary	93	—	11	3	—	—	26	13	2	1	—	—	—	—	—	—	—	—	132	17
South Molton	9	—	1	—	1	—	—	4	—	—	—	—	—	—	—	—	1	—	12	4
St. Thomas	27	—	10	—	7	2	10	12	1	—	—	1	—	—	—	—	1	—	56	15
Tavistock	15	—	5	—	—	—	3	4	1	—	2	—	—	—	—	—	2	—	28	4
Tiverton	21	—	—	—	—	—	9	13	4	—	—	—	1	1	—	—	1	—	36	14
Torrington	5	—	—	—	—	—	—	5	—	—	—	—	—	—	—	—	1	—	6	5
Totnes	4	—	1	—	—	—	2	3	2	—	3	1	—	—	—	—	1	—	13	4
Totals	308	—	41	3	11	2	121	123	20	3	6	2	1	1	—	—	13	—	521	134
Administrative County	669	—	119	4	21	3	274	244	61	3	9	3	3	3	2	2	27	—	1185	262

*Deaths include both notifiable and non-notifiable cases.

Diarrhoea.

There were 19 deaths (Urban 13, Rural 6) of children under two years of age registered during the year, compared with 11 for the previous year. Deaths were reported in 8 of the Urban and in 4 of the Rural areas.

Influenza.

There were 60 deaths (Urban 30, Rural 30) registered during the year, compared with 302 for the previous year and 66 for 1936.

Pneumonia.

There were 274 cases of Pneumonia notified during the year. This serious disease caused *244 deaths (Urban 121, Rural 123), compared with 432 for the previous year, and 259 for 1936.

*The deaths include both notifiable and non-notifiable cases.

Puerperal Fever and Pyrexia.

There were 61 cases notified under the Regulations, and there were 3 deaths (Urban 0, Rural 3) from Puerperal Sepsis, compared with 4 deaths for the previous year.

Poliomyelitis.

Nine cases were notified in the County during the year and 3 deaths registered, including 1 death from Polio-encephalitis.

Cerebro-Spinal Fever.

Three cases were notified during the year and 3 deaths registered.

Ophthalmia Neonatorum.

There were 27 cases notified, compared to 13 in 1937.

(Further reference to this will be made in the Maternity and Child Welfare section of the report).

Tuberculosis.

The number of notifications under the Tuberculosis Regulations, 1930, was 533, and there were 247 deaths registered.

School Closure.

During the year 30 schools were closed on account of infectious diseases, compared with 143 in 1937.

The following are the number of schools closed for particular diseases :—

Chicken-Pox	.....	.....	.....	.....	1
Diphtheria	.....	.....	.....	.....	4
Influenza	.....	.....	.....	.....	1
Scarlet Fever	.....	.....	.....	.....	4
Infantile Paralysis (contact)	.....	.....	.....	.....	3
Whooping Cough	.....	.....	.....	.....	1
Measles	.....	.....	.....	.....	14
Measles and Mumps	.....	.....	.....	.....	1
Mumps	.....	.....	.....	.....	1

7,606 children (infected and contacts) were excluded (Chicken-Pox 1,530, Conjunctivitis 24, Diphtheria 45, German Measles 39, Infantile Paralysis (contacts) 4, Influenza and Colds 594, Jaundice 59, Measles 3,004, Mumps 780, Scarlet Fever 528, Skin Disease 261, Typhoid 1, Whooping Cough 714, Other Diseases 17).

The following are the names of schools closed on account of infectious disease :—

Atherington : Mumps.
 Ashprington : Infantile Paralysis, contact.
 Ashcombe : Measles.
 Bampton Junior : Scarlet Fever.
 Bere Alston : Measles.
 Brixton : Measles.
 Broadhembury : Scarlet Fever.
 Cheriton Bishop : Measles.
 Drewsteignton : Measles
 East Portlemouth : Measles.
 Georgeham : Measles and Mumps.
 Harberton : Infantile Paralysis, contact.
 Kingston : Measles.
 Kelly : Influenza.
 Meavy : Chicken-Pox.
 Newton R.C. : Diphtheria.
 North Tawton Junior : Measles.
 Ottery St. Mary, Boys : Diphtheria.
 Girls : Diphtheria.
 Infants : Diphtheria.
 Petersmarland : Scarlet Fever.
 Salcombe Regis : Measles.
 Sampford Courtenay, Sticklepath : Whooping Cough.
 Throwleigh : Measles.

Uplowman : Measles.
 Upton Pyne : Measles.
 Washford Pyne : Infantile Paralysis, contact
 Whitchurch, Horrabridge : Measles.
 Yealmpton : Measles.
 Woodbury Salterton : Scarlet Fever.

INFECTIOUS DISEASES DEATH RATES.

The following Table compares the total death rate from the more common Zymotic diseases in the Urban and Rural Districts during the year 1929-1938.

District.	Rates per 1,000 of population.									
	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938
Urban	0.1	0.1	0.1	0.1	0.09	0.09	0.1	0.06	0.1	0.06
Rural	0.1	0.2	0.1	0.1	0.1	0.1	0.07	0.09	0.1	0.07
Administrative County	0.1	0.2	0.1	0.1	0.1	0.1	0.09	0.07	0.1	0.07

Table III shows the number of notified cases and the number of deaths from Notifiable Infectious Diseases in 1938 in the various districts of the County.

AMBULANCE SERVICES.

The ambulance service appears to be adequate in the Administrative County.

BACTERIOLOGY.

During the year 18,778 examinations and experiments have been made at the County Bacteriological Laboratory, 7, Dix's Field, as compared with 16,729 in 1937, 14,472 in 1936, and 13,837 in 1935.

As indicated in previous reports, the great increase in the volume of work in recent years has rendered the present building unsuitable and inadequate. It has been proposed to erect a new laboratory block at Ivybank, St. David's Hill, and plans are being prepared.

Unfortunately, Dr. McEwan, the County Bacteriologist, was absent for four months on account of a serious illness. During this time his staff carried on the work of the Laboratory in a most efficient manner. Numerous verbal and written expressions of appreciation of their excellent work was received from medical practitioners and others.

A summary of the work done during the year follows :—

Routine Examinations.

	<i>Positive.</i>	<i>Negative.</i>	<i>Total.</i>
Diphtheria (swabs)	199	2,703	2,902
Tuberculosis (sputum)	491	1,235	1,726
Enteric Fevers (Widal test)	20	163	183
Ringworm	17	92	109

Diphtheria.

2,902 swabs from nose and throat were examined (compared with 2,777 in 1937) with 199 positive results including repeat examinations during convalescence. 35 tests for virulence were made on the organisms recovered from the throat or nose of suspected carriers or of convalescents showing persistently positive cultures. In 9 cases the organism proved to be virulent and the person was isolated for treatment as a potential danger to the community.

Tuberculosis.

1,726 specimens of sputum were examined microscopically for tubercle bacilli with 491 positive. Microscopical examination for T.B. was made on 246 other specimens of morbid material. 33 biological tests were made on such material and 27 special cultural tests for tubercle bacilli.

Enteric Fevers, Abortus Fever, Food-Poisoning and Dysentery.

183 Widal Agglutination tests on blood serum were made, each specimen being tested as a matter of routine against, B. typhosus, B. paratyphosus, A., B. paratyphosus B., Brucella Abortus and Brucella Melitensis. Twenty tests gave a presumptive positive result. (Typhoid 13, Paratyphoid B. 1, Abortus fever 5, Typhus-like fever 1). The case recorded as Typhus-like fever occurred in a patient heavily infested with lice and presented several features suggestive of typhus fever. Examination of the blood of the patient showed that the disease was not true typhus, but one of a group of rare diseases closely allied to it.

It is to be noted again that a fair proportion of the blood tested gave results within the diagnostic range for active infection with the organism of bovine contagious abortion. Such cases as have been investigated have shown the milk supply of the patients to be heavily infected with this organism.

Dysentery has not been prevalent as in 1937, such cases as were examined in 1938, were in the early part of the year as the terminal part of the epidemic of the end of 1937. Two major outbreaks of food-poisoning have occurred; one due to infected brawn, the causative organism being *Salmonella* Dublin most probably conveyed indirectly from calves suffering from calf-dysentery of which this organism is a cause. The other epidemic was due to pork pie infected with *Salmonella* Aertrycke, which is the organism most frequently associated with food-poisoning in this country.

In total during the year the following specimens have been examined culturally for enteric and abortus fevers, dysentery and food-poisoning.

Faeces 427, Urine 57, Blood 14, Milk 13, Water 8, Sewage 4, Foodstuffs 14, Rat 1. Total 538.

Milk Cleanliness.

(a) *Public Supplies.*

		<i>Passed</i>	<i>Failed</i>	<i>Total</i>
Ordinary	.....	896 (45.1%)	1,092	1,988
Accredited	.....	1,670 (60.4%)	1,094	2,764
Tuberculin Tested	.....	500 (82.4%)	107	607
Pasteurised	.....	10	8	18
Private samples	.....	2	1	3
		—	—	—
Totals		3,078 (57.2%)	2,302	5,380

(b) *Schools and Institutions.*

School supplies	.....	253 (54.6%)	210	463
Public Assistance Institutions		126 (55.5%)	101	227
Public Health Institutions	.....	36 (68.0%)	17	53
		—	—	—
Totals	.....	415 (55.9%)	328	743

Total all sources 3,493 (57.0%) 2,630 6,123

The results in all groups of milk samples are substantially of the same order as those obtained in 1937. Ordinary (Undesignated) samples showed 45.1% passing the tests as compared with 41.3% in 1937, accredited samples 60.4% passing as against

53.8% in 1937 and tuberculin tested 82.4% as against 72.4%. A certain degree of improvement will be noted, however, in all groups.

The differences in cleanliness between ordinary, accredited and tuberculin tested milks in ascending order is well brought out. The results show that much further improvement in cleanliness of production is desirable in accredited milk, the possibilities being indicated by the results in the tuberculin tested group.

Milk Tuberculosis.

As from the 1st April, 1938, the veterinary inspection of herds was transferred to the Ministry of Agriculture and Fisheries with the arrangement that the microscopical examination of milk samples would in future be made by the Veterinary Inspectors and that guinea-pig inoculation tests would be made at the County Laboratory, the cost of such tests being borne by the Ministry at an agreed rate per sample. A certain number of microscopical examinations were made at the Laboratory and charged to the Ministry during the period when the equipment of certain of the Inspectors was not available.

In the case of first application for Accredited licence, the veterinary inspection is carried out at the expense of the applicant and any examination of samples involved is made at the County Laboratory free of charge. Further, where a cow has been excluded from a herd on account of udder disease, subsequent samples to determine suitability for re-inclusion in the herd are examined at the Laboratory.

The above provisions have resulted in a very great decrease in the numbers of samples submitted, especially in the microscopical examination of samples from individual cows.

Bulk samples are still tested biologically for T.B. as a matter of routine, utilizing the samples submitted by the Sanitary Inspectors for routine cleanliness tests.

As regards the biological tests, the Ministry require that each sample shall be inoculated into two guinea-pigs, one of which shall be killed and examined after 4 weeks, the other after 6 weeks.

(1) <i>Biological Tests.</i>	Positive.	Negative.	Incon- clusive.	Total.
Bulk samples.....	14	822	62	898
Individual cows	4	222	7	233
Ministry of Agriculture and Fisheries	9	142	2	153
Private samples	—	6	—	6
	—	—	—	—
Total	27	1,192	71	1,290

(2) *Microscopical tests.*

Submitted by Veterinary Officers	499	(223 indicated non-tuberculous mastitis).
Ministry of Agriculture and Fisheries	21	(16 mastitis).
Private samples	7	(6 mastitis).
Total	527	

Tubercle bacilli were found microscopically in 3 samples.

In addition, 33 samples were examined microscopically in connection with failure of milk to pass the cleanliness test, for early souring or other complaint. Six of these samples indicated mastitis.

Venereal Diseases.

The following table shows the numbers of specimens examined and the sources from which they were submitted.

			Gono- Complement		
			Wassermann.	cocci.	Fixation. Total.
(a) <i>Clinics.</i>					
Barnstaple	.....	.....	39	43	5 87
Exeter (Hospital)	.....	.....	74	106	40 220
Exeter (St. Mary's)	.....	.....	2	12	2 16
Plymouth	.....	.....	68	169	9 246
Torbay Hospital	.....	.....	161	94	103 358
(b) <i>Medical Practitioners, etc.</i>			771	155	27 953
Totals	.....	.....	1,115	579	186 1,880

Water.

The number of water examinations has increased greatly during the year. (1,270 as compared with 429 in 1937).

(a) <i>Public supplies.</i>			Satis- factory.	Doubt- ful.	Unsatis- factory. Total.
Urban Districts	.....	.....	402	99	158 659
Rural Districts	.....	.....	328	93	190 611
Totals	.....	.....	730	192	348 1,270

Metals were detected in these as follows : Lead 11, Copper Nil, Zinc 26.

In addition, 15 samples were submitted for examination only for presence of lead.

TABLE IV.

1938	DIPHTHERIA.			TUBERCLE (Sputum).			ENTERIC (Widal).			WATER.			
	Pos.	Neg.	Total.	Pos.	Neg.	Total.	Pos.	Neg.	Total.	Satis- fac- tory.	Doubt- ful.	Unsat- isfac- tory.	Total.
URBAN.													
Ashburton	—	12	12	—	2	2	—	—	—	2	1	1	4
Axminster	1	40	41	4	22	26	4	91	95	18	5	14	37
Barnstaple	15	146	161	19	130	149	3	3	6	13	1	3	17
Bideford	44	218	262	2	40	42	3	2	5	12	5	1	18
Brixham	—	25	25	3	24	27	—	3	3	6	—	1	7
Buckfastleigh	—	4	4	1	2	3	—	—	—	4	3	2	9
Budleigh Salterton	—	13	13	1	—	1	—	—	—	9	2	1	12
Crediton	—	27	27	3	13	16	—	4	4	4	—	1	5
Dartmouth	—	27	27	3	13	16	—	1	1	75	13	13	101
Dawlish	3	15	18	8	11	19	—	2	2	8	3	3	14
Exmouth	1	45	46	9	21	30	—	1	1	28	11	13	52
Holsworthy	—	2	2	3	4	7	—	—	—	2	1	2	5
Honiton	1	12	13	1	9	10	—	—	—	1	—	—	1
Ilfracombe	—	20	20	5	17	22	—	—	—	6	—	4	10
Kingsbridge	—	6	6	1	5	6	—	2	2	3	—	—	3
Lynton	6	24	30	2	5	7	1	3	4	3	4	8	15
Newton Abbot	27	169	196	2	29	31	—	1	1	4	—	4	8
Northam	—	17	17	2	16	18	—	—	—	2	—	2	4
Okehampton	—	10	10	1	16	17	—	1	1	2	1	—	3
Ottery St. Mary	11	19	30	2	10	12	—	1	1	14	7	9	30
Paignton	34	465	499	4	34	38	—	3	3	2	9	6	17
Salcombe	4	5	9	1	3	4	—	1	1	—	—	—	—
Seaton	—	5	5	2	5	7	—	2	2	5	—	—	5
Sidmouth	—	20	20	7	27	34	2	12	14	7	3	9	19
South Molton	—	11	11	2	1	3	—	—	—	2	1	—	3
Tavistock	1	11	12	—	15	15	1	—	1	9	—	2	11
Teignmouth	—	35	35	2	6	8	—	—	—	52	12	24	88
Tiverton	—	103	103	2	12	14	—	—	—	3	—	8	11
Torrington	1	14	15	1	10	11	—	2	2	6	2	1	9
Torquay	9	120	129	5	27	32	1	2	3	27	1	1	29
Totnes	3	39	42	3	15	18	—	1	1	5	—	4	9
Plymouth	—	—	—	—	—	—	—	1	1	68	14	21	103
TOTAL URBAN	161	1679	1840	101	544	645	15	139	154	402	99	158	659
RURAL.													
Axminster	1	52	53	7	28	35	—	1	1	43	6	16	65
Barnstaple	2	51	53	12	52	64	—	—	—	32	5	25	62
Bideford	—	16	16	2	4	6	—	1	1	2	1	10	13
Broadwoodwidge	—	—	—	—	—	—	—	—	—	—	—	—	—
Crediton	—	22	22	1	17	18	—	—	—	6	2	5	13
Holsworthy	—	13	13	—	16	16	—	1	1	3	1	1	5
Honiton	—	6	6	1	7	8	—	1	1	23	21	36	80
Kingsbridge	1	48	49	1	20	21	—	2	2	33	9	22	64
Newton Abbot	4	110	114	7	50	57	1	4	5	40	16	9	65
Okehampton	6	42	48	2	15	17	—	1	1	13	3	12	28
Plympton	4	95	99	10	67	77	—	1	1	26	4	12	42
South Molton	1	34	35	—	15	15	1	1	2	8	—	1	9
St. Thomas	14	417	431	14	73	87	2	4	6	53	18	17	88
Tavistock	3	21	24	—	13	13	—	—	—	21	2	6	29
Tiverton	1	52	53	3	33	36	1	2	3	9	2	7	18
Torrington	—	7	7	1	8	9	—	—	—	4	1	11	16
Totnes	1	36	37	5	19	24	—	2	2	12	2	—	14
TOTAL RURAL	38	1022	1060	66	437	503	5	21	26	328	93	190	611
INSTITUTIONS.													
Hawkmoor	—	—	—	42	111	153	—	—	—	—	—	—	—
Hawley	—	—	—	94	30	124	—	—	—	—	—	—	—
Ivybank	—	—	—	40	27	67	—	1	1	—	—	—	—
Sydney House	—	2	2	—	—	—	—	—	—	—	—	—	—
Whitecliff	—	—	—	148	86	234	—	2	2	—	—	—	—
TOTAL INS'TIONS	—	2	2	324	254	578	—	3	3	—	—	—	—
GRAND TOTAL	199	2703	2902	491	1235	1726	20	163	183	730	192	348	1270

MILK CLEANLINESS EXAMINATIONS
TABLE IVa.

	ORDINARY.			TUBERCULIN TESTED.			ACCREDITED.		
	Pass.	Fail.	Total.	Pass.	Fail.	Total.	Pass.	Fail.	Total.
URBAN.									
Ashburton	24	30	54	15	3	18	14	10	24
Axminster	1	1	2	—	—	—	3	2	5
Barnstaple	60	81	141	2	1	3	22	27	49
Bideford	8	9	17	29	2	31	11	5	16
Brixham	8	38	46	3	—	3	2	7	9
Buckfastleigh	36	9	45	—	—	—	—	—	—
Budleigh Salterton	5	6	11	—	—	—	2	2	4
Crediton	2	8	10	2	—	2	—	4	4
Dartmouth	48	58	106	1	—	1	6	3	9
Dawlish	16	12	28	2	2	4	2	1	3
Exmouth	39	61	100	—	—	—	26	7	33
Holsworthy	15	18	33	—	—	—	3	1	4
Honiton	10	15	25	13	1	14	21	7	28
Ilfracombe	97	96	193	—	—	—	12	12	24
Kingsbridge	21	31	52	—	—	—	—	—	—
Lynton	5	10	15	—	—	—	—	—	—
Newton Abbot	22	56	78	25	—	25	13	5	18
Northam	34	40	74	—	—	—	7	1	8
Okehampton	28	11	39	—	—	—	17	5	22
Ottery St. Mary	30	21	51	1	—	1	29	27	56
Paignton	32	46	78	12	4	16	3	2	5
Salcombe	—	—	—	—	—	—	—	—	—
Seaton	2	—	2	—	—	—	—	—	—
Sidmouth	18	33	51	22	7	29	30	16	46
South Molton	16	12	28	—	—	—	23	21	44
Tavistock	21	15	36	—	—	—	1	—	1
Teignmouth	22	11	33	8	—	8	10	7	17
Tiverton	4	1	5	14	4	18	27	7	34
Torrington	6	8	14	2	—	2	3	2	5
Torquay	50	115	165	5	9	14	14	7	21
Totnes	7	17	24	—	—	—	1	—	1
TOTAL URBAN	687	869	1556	156	33	189	302	188	490
RURAL.									
Axminster	2	5	7	100	26	126	328	189	517
Barnstaple	48	80	128	4	2	6	65	58	123
Bideford	2	—	2	1	—	1	7	—	7
Broadwoodwidge	—	—	—	—	—	—	4	—	4
Crediton	4	2	6	7	—	7	30	27	57
Holsworthy	16	13	29	—	—	—	17	9	26
Honiton	5	3	8	—	—	—	24	22	46
Kingsbridge	5	16	21	28	2	30	49	72	121
Newton Abbot	40	39	79	43	16	59	151	78	229
Okehampton	10	12	22	—	—	—	25	34	59
Plympton	—	1	1	22	6	28	138	103	241
South Molton	3	4	7	—	—	—	60	15	75
St. Thomas	67	21	88	83	5	88	304	162	466
Tavistock	—	1	1	4	1	5	10	—	10
Tiverton	6	16	22	26	8	34	115	91	206
Torrington	—	3	3	2	1	3	14	9	23
Totnes	1	7	8	24	7	31	27	37	64
TOTAL RURAL	209	223	432	344	74	418	1368	906	2274
INSTITUTIONS.									
Hawkmoor	—	—	—	8	—	8	—	—	—
Hawley	—	—	—	9	6	15	—	—	—
Ivybank	—	—	—	4	—	4	—	—	—
Sydney House	—	—	—	9	3	12	—	—	—
Whitecliff	—	—	—	6	8	14	—	—	—
TOTAL INSTITUTIONS	—	—	—	36	17	53	—	—	—

General Bacteriology.

General examination (including Tuberculosis).

Urine 115, faeces 42, pus 44, cerebrospinal fluid 24, pleural fluid 16, other fluids 5, sputum 21, swabs (various) 97	.....	364
Enteric fever, dysentery, food-poisoning and Abortus fever.		
Faeces 427, urine 57, foodstuffs 14, sewage 4, blood 14, milk 13, water 8, rat 1	.....	538
Amoebic dysentery and intestinal parasites, faeces	.....	7
Scarlet Fever. Swabs—throat, nose, etc. 1473, milk 8	.....	1481
Diphtheria virulence test	.....	35
Biological tests for T.B.	.....	33
Special culture for T.B.	.....	27
Vaccines 20, blood counts 40, blood cultures 6, organs—cow, various 10	.....	76
Histology 28, clinical chemistry 8, epidemic jaundice 7	.....	43
Tinned milk products 23, ice cream 20, pencils 3, silver fox 1	.....	47
Causes of milk failure 11, whooping cough 1, malaria 2	.....	14
Urine, superannuation examination	.....	55
		<hr/>
		2,720
		<hr/>

Summary.	1938	1937
Diphtheria	2,902	2,777
Tuberculosis (sputum)	1,726	1,708
Enteric Fever (Widal)	183	71
Ringworm	109	43
Milk Cleanliness	6,123	5,162
Milk T.B. Biological	1,290	1,581
Milk T.B. Microscopical	560	1,622
Venereal Diseases	1,880	1,705
Water	1,285	441
General Bacteriology	2,720	1,619
	<hr/>	<hr/>
	18,778	16,729
	<hr/>	<hr/>

Tables are attached showing for each Urban and Rural District the numbers of specimens received under the headings—Diphtheria Tuberculosis (sputum), Enteric Fevers (Widal Tests), Water, Milk Cleanliness Tests (Ordinary, Tuberculin Tests and Accredited Milk).

ORTHOPAEDIC TREATMENT.

During the year ending 31st March, 1939, the following payments were made by the County Council in respect of Orthopaedic Treatment under the Devonian Scheme only :—

	£	s.	d.
Hospitals	9,256	9	6
Clinics	1,556	11	9
Other expenses	695	6	5
	<u>£11,508</u>	<u>7</u>	<u>6</u>

The following shows the amounts incurred by the various services.

	<i>Hospitals.</i>			<i>Clinics.</i>			<i>Other Expenses.</i>			<i>Total.</i>		
	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.
Tuberculosis	2,369	9	0	146	12	1	152	8	7	2,668	9	8
Education, Elem.	4,567	14	0	916	18	0	364	12	0	5,849	4	9
" Higher	214	17	10	102	12	0	16	8	5	333	18	3
Child Welfare	1,625	4	7	290	9	5	83	5	8	1,998	19	8
Mental Deficiency	9	16	0	2	4	0	1	15	6	13	15	6
Public Health (adults)	469	7	2	97	16	3	76	16	3	643	19	8
Totals	£9,256	9	4	1,556	11	9	695	6	5	11,508	7	6

In addition to the above, the County Council arrange for institutional treatment at Mount Gold and certain other Hospitals and Training Institutions. ~~The amount spent during the financial year 1937-38 was £2,245 : 3 : 4.~~

The following table shows the number of cases treated or on the registers of the Hospitals and Clinics, under the control of the Medical Department :—

	Maternity and Child Welfare.	Education.	Public Health (Treatment of Tuberculosis).
<i>Hospitals—</i>			
Exeter, Princess Elizabeth	36	80	38
Ivybridge	7	45	4
Tipton St. John Angela Convalescent Home	—	41	10
Plymouth, Mount Gold	—	2	48
Royal National Orthopaedic Hospital	—	—	1
	<u>43</u>	<u>168</u>	<u>101</u>

<i>Clinics—</i>				
Barnstaple	.....	71	279	33
Exeter	.....	49	177	39
Honiton	.....	25	76	19
Kingsbridge	.....	13	54	9
Launceston	.....	4	10	1
Okehampton	.....	26	106	18
South-Western(Plymouth)		22	84	9
Tiverton	.....	26	60	19
Torquay	.....	56	182	64
		292	1028	211

TUBERCULOSIS.

Notifications.

The following table shows the total number of cases of Tuberculosis remaining on the registers kept by the District Medical Officers of Health at the end of 1938 :—

<i>Pulmonary</i>			<i>Non-Pulmonary</i>			TOTAL CASES
Males	Females	Total	Males	Females	Total	
1,614	1,567	3,181	502	499	1,001	4,182

The following is a summary of notifications during the period from the 1st January, 1938, to the 31st December, 1938, as furnished to the Minister of Health.

Notifications on Form A.

Number of Primary Notifications of new cases of tuberculosis.													Total Noti- fications on Form A.
Age periods.	0—1	1—5	5—10	10—15	15—20	20—25	25—35	35—45	45—55	55—65	65 and upw'ds	Total (all ages)	
Pulmonary Males	—	1	4	2	17	26	62	45	35	26	11	229	236
Females	—	1	2	5	16	32	63	41	16	12	13	201	204
Non-Pulmonary Males	2	3	5	9	7	4	12	4	3	—	1	50	51
Non-Pulmonary Females	—	5	3	12	7	5	10	3	2	3	3	53	54

New cases of Tuberculosis coming to the knowledge of the Medical Officer of Health or Chief (Administrative) Tuberculosis Officer during the period from the 1st January, 1938, to the 31st December, 1938, otherwise than by formal notification under the Public Health (Tuberculosis) Regulations, 1912, or by notification in pursuance of 5 (b) of the Local Government (Emergency Provisions) Act, 1916.

Age periods.	0—1	1—5	5—10	10—15	15—20	20—25	25—35	35—45	45—55	55—65	65 and up'wds.	Total cases.
Pulmonary Males	—	—	1	—	—	1	—	1	3	3	—	9
„ Females	—	—	—	—	—	—	3	1	—	—	—	4
Non-Pulmonary Males	—	—	—	—	—	—	—	2	—	1	1	4
„ Females	—	—	—	—	—	—	—	—	—	—	—	—

The primary notifications of Tuberculosis on Form A (all forms) amounted to 533 (279 males, 254 females). Of this number 430 (229 males, and 201 females), suffered from Respiratory forms of Tuberculosis, and 103 (50 males, 53 females) from other forms of Tuberculosis. The number of notifications (533) is 15 lower than the corresponding figure for 1937 (548):—Pulmonary cases show a decrease of 2 and non-pulmonary cases 13.

Mortality.

(a) Pulmonary.

During the year 1938, 202 deaths (117 males and 85 females) occurred; of these, 118 occurred in the Urban Districts and 84 in the Rural Districts.

(b) Non-Pulmonary.

45 deaths occurred (26 males and 19 females). Of this number 20 occurred in the Urban Districts, and 25 in the Rural Districts.

Deaths from all forms of Tuberculosis.

There were 247 deaths (143 males and 104 females), 138 in the Urban Districts and 109 in the Rural Districts.

Table I gives the number of deaths and death rates in the various districts in the County.

The Tuberculosis death rate for the County as a whole is 0.5 per 1,000 of the population.

In the combined Urban Districts the death rate was 0.5 and in the combined Rural Districts 0.4. In the Urban Districts the highest death rate was in Lynton and Ottery St. Mary (1.1) and in the Rural Districts the highest death rate was in Plympton (0.7).

The following table shows the death rates from Tuberculosis (all causes) for the last five years :—

Year	.....	1934	1935	1936	1937	1938
Rate	.....	0.6	0.6	0.6	0.6	0.5

The following table shows the sex, age, and number of deaths from Tuberculosis (all causes) amongst Children and Infants during the year 1938.

Under 5 years.		5 years and under 16 years.		Total	
Male	Female	Male	Female	Male	Female
3	3	5	5	8	8

New Cases and Mortality during 1938.

(Returns from Local Registrars).

Age Periods.	New Cases.				Deaths.			
	Respiratory.		Non-Respiratory.		Respiratory.		Non-Respiratory.	
	M.	F.	M.	F.	M.	F.	M.	F.
0—	—	—	2	—	—	—	1	—
1—	1	1	3	5	3	1	1	1
5—	4	2	5	3	1	2	1	—
10—	2	5	9	12	2	—	1	2
15—	17	16	7	7	12	10	1	—
20—	26	32	4	5	15	11	3	1
25—	62	63	12	10	30	25	1	1
35—	45	41	4	3	24	19	—	3
45—	35	16	3	2	26	9	—	2
55—	26	12	—	3	16	16	1	1
65 and upwards	11	13	1	3	8	9	1	—
TOTALS	229	201	50	53	137	102	11	11

Of the 261 deaths of Tuberculosis (all forms) returned by the Local Registrars, 30 (11.4 per cent.) were of un-notified cases, the reasons given being :—

Visitors	.....	10
Diagnosed on Post Mortem Examination	.....	2
Regarded by Medical Attendant as already notified	.....	18

The remaining 231 deaths were of cases notified in the following years, and 49.4% of these were of cases notified during 1938.

1919	1920	1921	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	
2	1	1	2	1	5	2	2	3	2	2	5	6	12	10	12	12	37	114	231

This table shows the occupations of 242 adults who died from Tuberculosis in 1938.

Adults—16 years of age and upwards.

MALES.

Apprentice	2	Labourer, General	12
Bricklayer	3	„ Farm	8
Builder	1	Nil	8
Bus Conductor	1	Merchant Service	1
Carpenter	6	Miller	1
Chef	1	Mining Engineer	1
Clay Labourer	1	Painter	4
Clerk	10	Plumber	1
Cotton Merchant	1	Postman	3
Cutler	1	Pottery	2
Coal Humper	1	Police Constable	1
Driver	6	Retired	2
Errand Boy	1	Roadman	1
Ex-Service	15	Saddler	1
Factory Worker	3	Schoolmaster	1
Fitter	1	Shop Assistant	2
Farmer	3	Storeman	1
Gardener	4	Student	1
G.P.O. Worker	1	Tobacconist	1
G.W.R. Worker	4	Traveller	2
Hairdresser	1	Waiter	2
House Servant	1	Wool Sorter	1
Hotel Worker	2		
Inmate M.D. Institution	9		137
Jeweller	1		

FEMALES.

Apartment Housekeeper	2	Nil	24
Clerk	2	Nurse	3
Domestic	9	Shop Assistant	1
Dressmaker	1	Waitress	1
Hairdresser	1	Widow	6
Housewife	50		
Inmate of M.D. Institution	4		105
Laundry worker	1		

The following information with regard to the localisation of the deaths from Tuberculosis in 1938 has been obtained from the Returns of the Local Registrars (not those from the Registrar-General).

	<i>Males..</i>	<i>Females.</i>	<i>Total.</i>
Lungs	135	100	235
Meningitis	4	5	9
Generalised	5	4	9
Peritoneum and Intestines	2	3	5
Spinal Column	1	—	1
Joints	1	—	1
Other Forms	1	—	1
	<hr/> 149	<hr/> 112	<hr/> 261 <hr/>

Of the 261 deaths, 16 (6.1 per cent.) occurred amongst children under 15 and 245 (93.8 per cent.) amongst patients above that age.

Prevention of Tuberculosis Regulations, 1925.

No action has been taken by the County Council under these Regulations.

Dispensary Work.

There are three County Tuberculosis Dispensaries situated at :

- (1) Exeter : 4, Barnfield Crescent, Exeter. (10 a.m. to 5 p.m. Fridays).
 ,, X-rays and Ultra-violet Rays Clinic.
- (2) Barnstaple : North Devon Infirmary (Annexe), Barnstaple. (10 a.m. to 4.30 p.m. Tuesdays).
- (3) Torquay : Castle Chambers, Torquay. (2 p.m. to 5 p.m. Mondays).

Table V shows that 1,527 new patients were examined for the first time during 1938. Of these 358, or 23.4 per cent., were found to be "definitely tuberculous," and 1,084 or 71.0 per cent., either revealed no evidence of tuberculosis or, after a period of observation, were considered to be "non-tuberculous." It further shows that 3,375 contacts were examined during the year in addition to the 1,527 new cases. Of these, 17, or 0.36 per cent. were found to be "definitely tuberculous" and 3,362 or 99.6 per cent., were considered to be "non-tuberculous."

Showing the Work of the Dispensaries during the year 1938.

DIAGNOSIS.	PULMONARY.				NON-PULMONARY				TOTAL.				TOTAL.	GRAND TOTAL.
	Adults.		Children		Adults.		Children		Adults.		Children			
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.		
A.—New Cases examined during the year (excluding contacts) :														
(a) Definitely tuberculous	158	152	7	4	10	13	7	7	168	165	14	11	358	
(b) Doubtfully tuberculous	—	—	—	—	—	—	—	—	25	37	13	10	85	
(c) Non-tuberculous	—	—	—	—	—	—	—	—	240	307	298	239	1084	1527
B.—Contacts examined during the year :														
(a) Definitely tuberculous	6	6	—	—	—	—	—	—	6	6	—	—	12	
(b) Doubtfully tuberculous	—	—	—	—	—	—	—	—	—	1	—	—	1	
(c) Non-tuberculous	—	—	—	—	—	—	—	—	731	861	901	869	3362	3375
C.—Cases written off the Dispensary Registers as :									Total No. examined				4902	
(a) Recovered	36	18	10	6	2	5	8	6	38	23	18	12	91	
(b) Diagnosis not confirmed or non-tuberculous (including cancellation of cases notified in error)	—	—	—	—	—	—	—	—	999	1191	1215	1118	4523	4614
D.—Number of Persons on Dispensary Registers on Dec. 31st														
(a) Diagnosis completed	921	904	89	92	105	114	60	71	1026	1018	149	163	2356	
(b) Diagnosis not completed	—	—	—	—	—	—	—	—	25	38	13	10	86	2442
1. Number of persons on Dispensary Registers on Jan. 1st	2424													
2. Number of patients transferred from other areas and of "lost sight of" cases returned	110													
3. Number of patients transferred to other areas and cases "lost sight of"	191													
4. Died during the year	189													
5. Number of attendances at the Dispensary (including Contacts)	2932													
6. Number of consultations with medical practitioners :														
(a) Personal	480													
(b) Others	2173													
7. Number of visits by Tuberculosis Officers to Homes including personal consultations	4261													
8. Number of visits by Nurses or Health Visitors to Homes for Dispensary purposes	1547													
9. Number of :														
(a) Specimens of sputum, &c., examined	1726													
(b) X-ray examinations made in connection with Dispensary work	5093													
10. Number of Insured Persons under Domiciliary Treatment on the 31st December	1177													
11. Number of "Recovered" cases restored to Dispensary Registers, and included in A (a) and B (b) above	9													
12. Number of "T.B. Plus" cases on Dispensary Registers on December 31st	839													

TABLE VI.

The following table shows the immediate Results of Treatment of definitely Tuberculous Patients discharged during the year 1938 from Institutions approved for the treatment of Tuberculosis.

[illegible]

It will be seen that the total number of individuals examined during the year for the first time was 4,902 as compared with 2,317 in the previous year. Of these, 2,547 were adults and 2,355 were children. In all, 370 new cases of Tuberculosis were discovered.

The number of visits made by the Tuberculosis Officers to patients in their own homes during the year was 4,261. The number of consultations of Tuberculosis Officers with the patients' own Doctors was 2,653.

The Diagnosis of Pulmonary Tuberculosis.

During the year, 91 cases were written off the Dispensary Register as "recovered."

Of the 4,902 new cases who presented themselves for examination for the first time during 1938, 334 were found to be suffering from Pulmonary Tuberculosis, and were placed in the following categories :—

Sputum negative for Tubercle Bacilli	156 or 46.8%
„ positive „ „ Group I	25 or 7.4%
„ „ „ „ „ II	81 or 24.2%
„ „ „ „ „ III	72 or 21.6%

It will thus be seen that 178 or 53.3 per cent. of the cases had a positive sputum when they first came to the notice of the Tuberculosis Officer.

X-Rays.

The value of X-rays in the diagnosis of pulmonary tuberculosis in its early stages is definitely established, particularly in the examination of contacts.

For particulars of cases treated see pages 46-47.

Institutional Treatment.

The number of patients in receipt of residential treatment at the beginning of the year was 245.

During the year, 505 patients were admitted, 449 discharged, while 67 died.

The number of patients in Institutions on December 31st, 1938, was 234.

Details of the residential treatment provided during the year are given below.

RESIDENTIAL TREATMENT.

		In Institutions on 1st Jan., 1938.	Admitted during the year.	Discharged during the year.	Died in the Institutions.	In Institutions on 31st Dec., 1938.
Tuberculous Patients	M.	106	197	180	27	96
	F.	112	194	175	31	100
	Children	23	44	36	—	31
Observation Cases	M.	2	31	28	5	—
	F.	1	29	21	4	5
	Children	1	10	9	—	2
TOTAL		245	505	449	67	234

This table shows the extent of Residential Treatment provided for Ex-Service Pensioners and paid for by the Ministry of Pensions.

Condition on Discharge.			Died.	In Institutions 31st Dec.	Total.
Disease Quiescent.	Improved.	No. Improvement.			
—	2	1	—	—	3

SPECIAL FORMS OF TREATMENT.

The following shows the amount of Special forms of treatment provided at the various Institutions of the County during 1938.

	Hawkmoor	Whitecliff.	Hawley.	Ivybank.	Total.
Artificial Pneumothorax	39	28	4	2	89
Phrenic Nerve Operation	23	10	—	—	48
Injection of Sancrysin	—	—	—	—	—
Other Gold Preparations	13	10	12	6	46
Other forms of Treatment	21	23	2	—	36
TOTAL	96	71	18	8	219

HAWKMOOR SANATORIUM.

On 2nd February, the chairman of the Hawkmoor Committee (Lt.-Colonel Rowland Ward, M.C.), laid the foundation stone of the new building,

The additions and alterations to the Sanatorium have progressed steadily throughout the year, and, despite the magnitude of the operations, there has been no interference with the routine working of the Institution. Treatment has continued to follow modern lines, and the sub-joined tables present in concise form the number of patients and types of case, together with the treatment given.

Total number of beds available	.....	.....	114
Total number of patients admitted	.....	.....	176
“ “ “ “ discharged or who died	.....	.....	174
Number of Patient days	.....	.....	38625
Average number of beds occupied	.....	.....	105.8
Net cost per patient per day	.....	.....	7/4.7d.

Age Classification on Admission.

			Males.	Females.	Totals.
Under 15 years	.....	.....	9	8	17
“ 25 “	.....	.....	26	36	62
“ 35 “	.....	.....	24	32	56
“ 45 “	.....	.....	17	11	28
“ 55 “	.....	.....	7	2	9
Over 55 “	.....	.....	3	1	4
			86	90	176
			==	==	==

Disease Classification on Admission.

<i>Pulmonary only.</i>		<i>Males.</i>	<i>Females.</i>	<i>Children.</i>	<i>Total.</i>
Observation	.....	7	8	6	21
Class T.B. Minus	.....	28	33	6	67
Class T.B. Plus—					
Group 1	.....	5	5	—	10
Group 2	.....	12	7	—	19
Group 3	.....	18	27	1	45
<i>Non-Pulmonary only.</i>					
Bones and Joints	.....	1	1	—	2
Abdominal	.....	—	1	2	3
Other Organs	.....	1	—	—	1
Glands	.....	2	3	3	8
					<hr/> 178 <hr/>

Artificial pneumothorax was attempted in 29 cases, 24 being successful, and 5 failed. In addition, 13 patients whose pneumothorax was induced elsewhere continued having refills. There were 5 cases of bilateral pneumothorax in the Sanatorium during the year.

Phrenic nerve operations were performed on 23 patients. The indications for this operation were at the termination of a pneumothorax where much shrinking of the lung and consequent mediastinal displacement were to be expected, or as an attempt to improve an unsatisfactory pneumothorax, or as an alternative where induction of pneumothorax had failed.

Gold therapy was employed in 13 cases, 11 crisalbine intravenously and 2 solganol intramuscularly.

During the year the old ultra-violet lamp was superseded by a new model with an infra-red lamp attached. This has proved a great help in the treatment of some cases of fibrositis, and also to keep warm patients who were having ultra-violet ray treatment to a large area of the body surface in cold weather. In all, 21 cases were treated.

Other treatments carried out in the Sanatorium during the year were :—

Incision of tuberculous abscesses	.....	6
Removal of tuberculous glands	.....	7
Operations on tuberculous fistulae	.....	3
Caustic treatment of lupus	.....	1
Removal of ganglion	.....	1
Removal of foreign body	.....	1
Resection of rib and drainage of empyeme	.....	1
Course of colossal manganese injections for boils	.....	1

TABLE VIa.

Return showing the immediate Results of Treatment of Patients Discharged.

PULMONARY TUBERCULOSIS.	Classification on Admission.	Condition at the time of Discharge.	Duration of Residential Treatment in the Institution.													
			Under 3 months.			3 to 6 months.			6 to 12 months.			Over 12 months.			Tot- al.	
	M.	F.	C.	M.	F.	C.	M.	F.	C.	M.	F.	C.				
	CLASS T.B. MINUS	Quiescent Not quiescent Died	— 7 —	— 1 —	— — —	— 8 1	— 12 —	1 — —	1 7 —	— 12 —	— 1 —	2 4 —	— 9 —	— 1 —	4 62 1	
	CLASS T.B. PLUS <i>Group I.</i>	Quiescent Not quiescent Died	— — —	— — —	— — —	— 3 —	— 1 —	— — —	— 1 —	— 1 —	— — —	— — —	— — —	— — —	— 6 —	
	CLASS T.B. PLUS <i>Group II.</i>	Quiescent Not quiescent Died	— — —	— 1 —	— — —	— 3 —	— 5 —	— — —	— 5 —	— 4 —	— — —	— 4 —	— 2 —	— 1 —	— 25 —	
	CLASS T.B. PLUS <i>Group III.</i>	Quiescent Not quiescent Died	— 6 —	— 3 —	— — —	— 9 —	— 6 1	— — —	— 4 —	— 2 —	— — —	— 4 —	— 6 —	— — —	— 40 1	
	TOTALS		13	5	—	24	25	1	18	19	1	14	17	2	139	
	NON-PULMONARY.	BONES AND JOINTS	Quiescent Not quiescent. Died	1 — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	1 — —
		ABDOMINAL	Quiescent Not quiescent Died	— — —	— — —	— — —	— — —	— 1 —	— 2 —	— — —	— — —	— — —	— — —	— — —	— — —	— 3 —
OTHER ORGANS		Quiescent Not quiescent Died	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	
PERIPHERAL GLANDS		Quiescent Not quiescent Died	— — —	— 1 —	— — —	— 2 —	— 1 —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— 4 —	
TOTALS			1	1	—	2	2	2	—	—	—	—	—	—	8	

THE ARMY

THE ARMY OF THE UNITED STATES OF AMERICA

NAME	RANK	COMPANY	REGIMENT	BRANCH
ALFRED A. BROWN	Private	Company A	1st Infantry	Infantry
JOHN W. SMITH	Private	Company B	2nd Infantry	Infantry
CHARLES E. JONES	Private	Company C	3rd Infantry	Infantry
WILLIAM H. MILLER	Private	Company D	4th Infantry	Infantry
ROBERT L. GIBSON	Private	Company E	5th Infantry	Infantry
EDWARD F. HARRIS	Private	Company F	6th Infantry	Infantry
FRANK M. WALKER	Private	Company G	7th Infantry	Infantry
GEORGE K. BAKER	Private	Company H	8th Infantry	Infantry
HENRY J. COLE	Private	Company I	9th Infantry	Infantry
JOHN D. EVANS	Private	Company J	10th Infantry	Infantry
WILLIAM R. FOSTER	Private	Company K	11th Infantry	Infantry
CHARLES G. GREEN	Private	Company L	12th Infantry	Infantry
EDWARD H. HUGHES	Private	Company M	13th Infantry	Infantry
FRANK I. JONES	Private	Company N	14th Infantry	Infantry
GEORGE J. KELLY	Private	Company O	15th Infantry	Infantry
HENRY K. LEWIS	Private	Company P	16th Infantry	Infantry
JOHN L. MASON	Private	Company Q	17th Infantry	Infantry
WILLIAM M. NELSON	Private	Company R	18th Infantry	Infantry
CHARLES N. OLIVER	Private	Company S	19th Infantry	Infantry
EDWARD O. PETERSON	Private	Company T	20th Infantry	Infantry
FRANK P. QUINN	Private	Company U	21st Infantry	Infantry
GEORGE Q. ROSS	Private	Company V	22nd Infantry	Infantry
HENRY R. STEWART	Private	Company W	23rd Infantry	Infantry
JOHN S. TAYLOR	Private	Company X	24th Infantry	Infantry
WILLIAM T. THOMAS	Private	Company Y	25th Infantry	Infantry
CHARLES U. WHITE	Private	Company Z	26th Infantry	Infantry
EDWARD V. YOUNG	Private	Company AA	27th Infantry	Infantry
FRANK W. ZIMMERMAN	Private	Company AB	28th Infantry	Infantry
GEORGE X. ADAMS	Private	Company AC	29th Infantry	Infantry
HENRY Y. BAKER	Private	Company AD	30th Infantry	Infantry
JOHN Z. COLE	Private	Company AE	31st Infantry	Infantry
WILLIAM AB. DAVIS	Private	Company AF	32nd Infantry	Infantry
CHARLES AC. EVANS	Private	Company AG	33rd Infantry	Infantry
EDWARD AD. FOSTER	Private	Company AH	34th Infantry	Infantry
FRANK AE. GREEN	Private	Company AI	35th Infantry	Infantry
GEORGE AF. HARRIS	Private	Company AJ	36th Infantry	Infantry
HENRY AG. JONES	Private	Company AK	37th Infantry	Infantry
JOHN AH. KELLY	Private	Company AL	38th Infantry	Infantry
WILLIAM AI. LEWIS	Private	Company AM	39th Infantry	Infantry
CHARLES AJ. MASON	Private	Company AN	40th Infantry	Infantry
EDWARD AK. NELSON	Private	Company AO	41st Infantry	Infantry
FRANK AL. OLIVER	Private	Company AP	42nd Infantry	Infantry
GEORGE AM. PETERSON	Private	Company AQ	43rd Infantry	Infantry
HENRY AN. QUINN	Private	Company AR	44th Infantry	Infantry
JOHN AO. ROSS	Private	Company AS	45th Infantry	Infantry
WILLIAM AP. STEWART	Private	Company AT	46th Infantry	Infantry
CHARLES AQ. TAYLOR	Private	Company AU	47th Infantry	Infantry
EDWARD AR. THOMAS	Private	Company AV	48th Infantry	Infantry
FRANK AS. WHITE	Private	Company AW	49th Infantry	Infantry
GEORGE AT. YOUNG	Private	Company AX	50th Infantry	Infantry
HENRY AU. ZIMMERMAN	Private	Company AY	51st Infantry	Infantry
JOHN AV. ADAMS	Private	Company AZ	52nd Infantry	Infantry
WILLIAM AX. BAKER	Private	Company BA	53rd Infantry	Infantry
CHARLES AY. COLE	Private	Company BB	54th Infantry	Infantry
EDWARD AZ. DAVIS	Private	Company BC	55th Infantry	Infantry
FRANK BA. EVANS	Private	Company BD	56th Infantry	Infantry
GEORGE BB. FOSTER	Private	Company BE	57th Infantry	Infantry
HENRY BC. GREEN	Private	Company BF	58th Infantry	Infantry
JOHN BD. HARRIS	Private	Company BG	59th Infantry	Infantry
WILLIAM BE. JONES	Private	Company BH	60th Infantry	Infantry
CHARLES BF. KELLY	Private	Company BI	61st Infantry	Infantry
EDWARD BG. LEWIS	Private	Company BJ	62nd Infantry	Infantry
FRANK BH. MASON	Private	Company BK	63rd Infantry	Infantry
GEORGE BJ. NELSON	Private	Company BL	64th Infantry	Infantry
HENRY BK. OLIVER	Private	Company BM	65th Infantry	Infantry
JOHN BL. PETERSON	Private	Company BN	66th Infantry	Infantry
WILLIAM BM. QUINN	Private	Company BO	67th Infantry	Infantry
CHARLES BN. ROSS	Private	Company BP	68th Infantry	Infantry
EDWARD BO. STEWART	Private	Company BQ	69th Infantry	Infantry
FRANK BP. TAYLOR	Private	Company BR	70th Infantry	Infantry
GEORGE BQ. THOMAS	Private	Company BS	71st Infantry	Infantry
HENRY BR. WHITE	Private	Company BT	72nd Infantry	Infantry
JOHN BS. YOUNG	Private	Company BU	73rd Infantry	Infantry
WILLIAM BT. ZIMMERMAN	Private	Company BV	74th Infantry	Infantry
CHARLES BU. ADAMS	Private	Company BW	75th Infantry	Infantry
EDWARD BV. BAKER	Private	Company BX	76th Infantry	Infantry
FRANK BW. COLE	Private	Company BY	77th Infantry	Infantry
GEORGE BX. DAVIS	Private	Company BZ	78th Infantry	Infantry
HENRY BY. EVANS	Private	Company CA	79th Infantry	Infantry
JOHN BZ. FOSTER	Private	Company CB	80th Infantry	Infantry
WILLIAM CA. GREEN	Private	Company CC	81st Infantry	Infantry
CHARLES CB. HARRIS	Private	Company CD	82nd Infantry	Infantry
EDWARD CC. JONES	Private	Company CE	83rd Infantry	Infantry
FRANK CD. KELLY	Private	Company CF	84th Infantry	Infantry
GEORGE CE. LEWIS	Private	Company CG	85th Infantry	Infantry
HENRY CF. MASON	Private	Company CH	86th Infantry	Infantry
JOHN CG. NELSON	Private	Company CI	87th Infantry	Infantry
WILLIAM CH. OLIVER	Private	Company CJ	88th Infantry	Infantry
CHARLES CI. PETERSON	Private	Company CK	89th Infantry	Infantry
EDWARD CJ. QUINN	Private	Company CL	90th Infantry	Infantry
FRANK CK. ROSS	Private	Company CM	91st Infantry	Infantry
GEORGE CL. STEWART	Private	Company CN	92nd Infantry	Infantry
HENRY CM. TAYLOR	Private	Company CO	93rd Infantry	Infantry
JOHN CN. THOMAS	Private	Company CP	94th Infantry	Infantry
WILLIAM CO. WHITE	Private	Company CQ	95th Infantry	Infantry
CHARLES CP. YOUNG	Private	Company CR	96th Infantry	Infantry
EDWARD CQ. ZIMMERMAN	Private	Company CS	97th Infantry	Infantry
FRANK CR. ADAMS	Private	Company CT	98th Infantry	Infantry
GEORGE CS. BAKER	Private	Company CU	99th Infantry	Infantry
HENRY CT. COLE	Private	Company CV	100th Infantry	Infantry

X-rays.

There were 1,405 screenings made, and 385 films taken during the year. Of the films 362 were plain chest, 8 after lipiodol injection, and 15 of other parts.

Dental Treatment.

As in former years, dental treatment continued to be an important adjuvant to the routine sanatorium methods. 153 patients were examined of whom 104 received treatment. Analysis of the treatment shows 211 extractions, 95 fillings, 39 scalings, 14 dentures supplied. Only one patient required a general anaesthetic, the method used being intravenous evipan sodium.

Ophthalmic Treatment.

The County Council Ophthalmic Surgeon has paid several visits to examine and treat patients for errors of refraction. Two cases of tuberculous iritis were also treated.

After Histories.

We have continued to follow up those patients who have left the Sanatorium. It is gratifying to be able to report that the number of patients of whom trace has been lost shows a further reduction.

The accompanying table shows the present position.

Year of discharge.	Un-traced.	Cured.	Not cured but able to work.	Too ill to work.	Died.	Total.	Grand Totals.
1929							
T.B.—	8	39	22	3	9	81	
T.B.×							
Group 1	3	6	8	6	7	30	
" 2	2	—	4	2	24	32	
" 3	—	—	—	1	4	5	148
1930							
T.B.—	7	23	30	4	11	75	
T.B.×							
Group 1	2	3	10	6	6	27	
" 2	4	1	2	1	29	37	
" 3	—	—	—	—	4	4	143
1931							
T.B.—	5	35	35	9	6	90	
T.B.×							
Group 1	—	2	6	2	4	14	
" 2	3	—	3	4	22	32	
" 3	—	—	—	1	10	11	147

1932							
T.B.—	2	23	49	8	10	92	
T.B.×							
Group 1	1	1	3	—	3	8	
" 2	2	—	4	10	17	33	
" 3	—	—	—	1	9	10	143
1933							
T.B.—	1	9	47	9	8	73	
T.B.×							
Group 1	—	1	9	1	2	13	
" 2	3	1	10	12	18	44	
" 3	—	—	1	2	5	8	138
1934							
T.B.—	5	15	50	9	4	83	
T.B.×							
Group 1	—	—	1	—	—	1	
" 2	—	—	16	11	16	43	
" 3	—	—	—	—	3	3	130
1935							
T.B.—	4	33	52	11	3	103	
T.B.×							
Group 1	—	—	2	1	—	3	
" 2	2	—	14	10	9	35	
" 3	—	—	2	4	6	12	153
1936							
T.B.—	1	12	54	4	6	77	
T.B.×							
Group 1	—	—	1	1	—	2	
" 2	—	—	11	19	3	33	
" 3	—	—	6	17	8	31	143
1937							
T.B.—	—	7	58	3	1	69	
T.B.×							
Group 1	—	2	—	—	1	3	
" 2	—	—	3	17	—	20	
" 3	—	—	—	26	8	34	126
TOTALS	72	204	520	226	249	1271	1271

The patients' Social Club continues in a healthy state of activity. Numerous games, competitions and social events have been organised. Amongst the latter we have had a most successful Old Patients Reunion which was held in August, and took the form of a garden party. It is hoped to make this an annual event.

We are grateful to numerous friends who have provided us with concerts and other entertainments.

The Nurses' Training School has had a successful year. Four nurses passed Part I., and three passed Part II and obtained the Certificate of the Tuberculosis Association.

HOSPITALS FOR THE TREATMENT OF TUBERCULOSIS.

Acute, observation, and advanced cases, and patients for special treatment were accommodated at Ivybank Hospital, Exeter (26 beds); Whitecliff Hospital, Torquay (52 beds); and Hawley Hospital, Barnstaple (28 beds).

The following tables show the extent of treatment provided at these institutions :—

Table showing the extent of Residential Treatment in Ivybank Hospital during 1938—

		In the Institution on 1st Jan.	Admitted during year.	Discharged during the year.	Died in the Institution.	In the Institution on 31st Dec.
Number of Patients	Adults M.	11	34	28	10	7
	F.	13	21	17	10	7
	Children	2	—	—	—	2
Number of Observation Cases	Adults M.	—	—	—	—	—
	F.	—	1	1	—	—
	Children	—	1	1	—	—
TOTAL		26	57	47	20	16

Table showing the extent of Residential Treatment in Hawley Hospital during 1938 :—

			In the Institution on 1st Jan.	Admitted during the year.	Discharged during the year.	Died in the Institution.	In the Institution on 31st Dec.
Number of Patients	Adults	M.	11	18	13	3	13
		F.	15	19	12	10	12
	Children		—	—	—	—	—
Number of Observation Cases	Adults	M.	—	1	1	—	—
		F.	—	4	4	—	—
	Children		—	—	—	—	—
TOTAL			26	42	30	13	25

Table showing the extent of Residential Treatment in Whitecliff Hospital during 1938 :—

		In the Institution on 1st Jan.	Admitted during the year.	Discharged during the year.	Died in the Institution.	In the Institution on 31st Dec.
Number of Patients	Adults M.	24	51	40	10	25
	Adults F.	22	60	49	8	25
	Children	—	1	1	—	—
Number of Observation Cases	Adults M.	—	23	18	5	—
	Adults F.	—	16	12	4	—
	Children	—	3	3	—	—
TOTAL		46	154	123	27	50

Diagnosis and Treatment of Non-Pulmonary Tuberculosis.

Of the 4,902 total new cases examined for the first time during 1938, 38 were found to be suffering from non-pulmonary tuberculosis and were classified as follows :—

Bones and Joints	.....	14
Abdominal	.....	2
Other Organs	.....	7
Peripheral Glands	.....	15

During the year 119 patients suffering from non-pulmonary tuberculosis were treated in various institutions not belonging to the County Council. Of this number 42 were in institutions at the commencement of the year, 78 patients were admitted during the year, and 72 were discharged, and 5 died, leaving 43 still in institutions at the close of the year.

The following are the institutions at which patients were treated during 1938 :—

	M.	F.	Ch.	Total
The Princess Elizabeth Orthopaedic Hospital, Exeter	4	7	27	38
Dame Roger's Orthopaedic Hospital, Ivybridge	—	—	4	4
Royal Devon and Exeter Hospital, Exeter	10	4	5	19
Mount Gold Orthopaedic Hospital, Plymouth	23	23	2	48
Angela Convalescent Home, Tipton St. John	—	—	10	10
Royal National Orthopaedic Hospital	—	—	1	1
Total	37	34	49	120

Ultra-Violet Rays.

Lamps for the application of Ultra-Violet Rays are available at Exeter, Hawkmoor, Hawley and Whitecliff.

The various tuberculous conditions from which the 26 patients treated by Ultra-Violet Rays were suffering, and the area where treated, are given below.

	Whitecliff	Hawley	Hawkmoor	North Devon Infirmary.	Exeter.
Bones and Joints	—	1	2	—	—
Abdominal Organs	1	4	7	—	—
Other Organs	1	2	—	—	—
Spine	—	—	3	—	—
Glands	1	2	8	3	—
General Debility	—	—	1	—	—
	3	9	21	3	—

Home Visitation by Health Visitors.

The total number of visits paid by the Health Visitors to the homes of the tuberculous patients was 1,547. As the Tuberculosis Officers make regular visits to the homes of the patients, home visits by the Health Visitors are only made in connection with the inspection of shelters and extra nourishment or if specially instructed to do so by the Tuberculosis Officers.

Grants of Extra Nourishment, etc.

The following grants were made by the Tuberculosis and Accounts Sub-Committee during the year :—

- (1) Extra Nourishment—808 grants at 2/6 per week,, and 4 grants at 5/- per week, each for three months to 305 patients.

Except in a very few instances where the Tuberculosis Officer specially recommended cream or butter, milk and eggs only have been granted.

- (2) Dentistry—21 grants.
- (3) Surgical appliances—162 grants.
- (4) Nursing—6 grants.
- (5) Fares—141 grants.

Shelters.

Shelters are loaned to patients on the advice of the Tuberculosis Officers, and are inspected at regular intervals by the Tuberculosis Officers and Health Visitors. The number of shelters available is 83 ; at the end of the year, 80 were occupied.

Home Nursing of Tuberculous Patients.

An arrangement has been made with the Devon County Nursing Association whereby certain patients suffering from Tuberculosis can be nursed by the nurses of the District Nursing Association at the rate of 1/- per visit—the total weekly amount not to exceed 10/- per patient. In 1938 grants were made in respect of the nursing of four patients amounting to £20 9s. 0d.

Preventorium (Sydney House).

During the year 120 children were admitted, 124 discharged, and 36 were in the institution at the end of the year.

The following table shows the After History of the 372 children who completed a course of treatment during the period from 1st January, 1934 to 31st December, 1938 (5 years).

PRESENT CONDITION.			Non-tuber- culous.	Notified as tuber- culous since discharge.	Totals.
In good health :	(a)	At school or at work	277	5	282
	(b)	Not at school or at work	Nil	Nil	Nil
In fair health :	(a)	At school or at work	47	1	48
	(b)	Not at school or at work	4	Nil	4
Too ill to go to school or work		.....	2	Nil	2
Left district	.....	.....	35	Nil	35
Deceased	.....	.....	1	Nil	1
TOTALS			366	6	372

X-RAYS.

During the year the following patients from the Administrative County, excluding North Devon, were examined by the County Radiographer—4,414.

Table I shows the number of Pulmonary and Non-Pulmonary patients and Table II classifies these patients according to sex and age :—

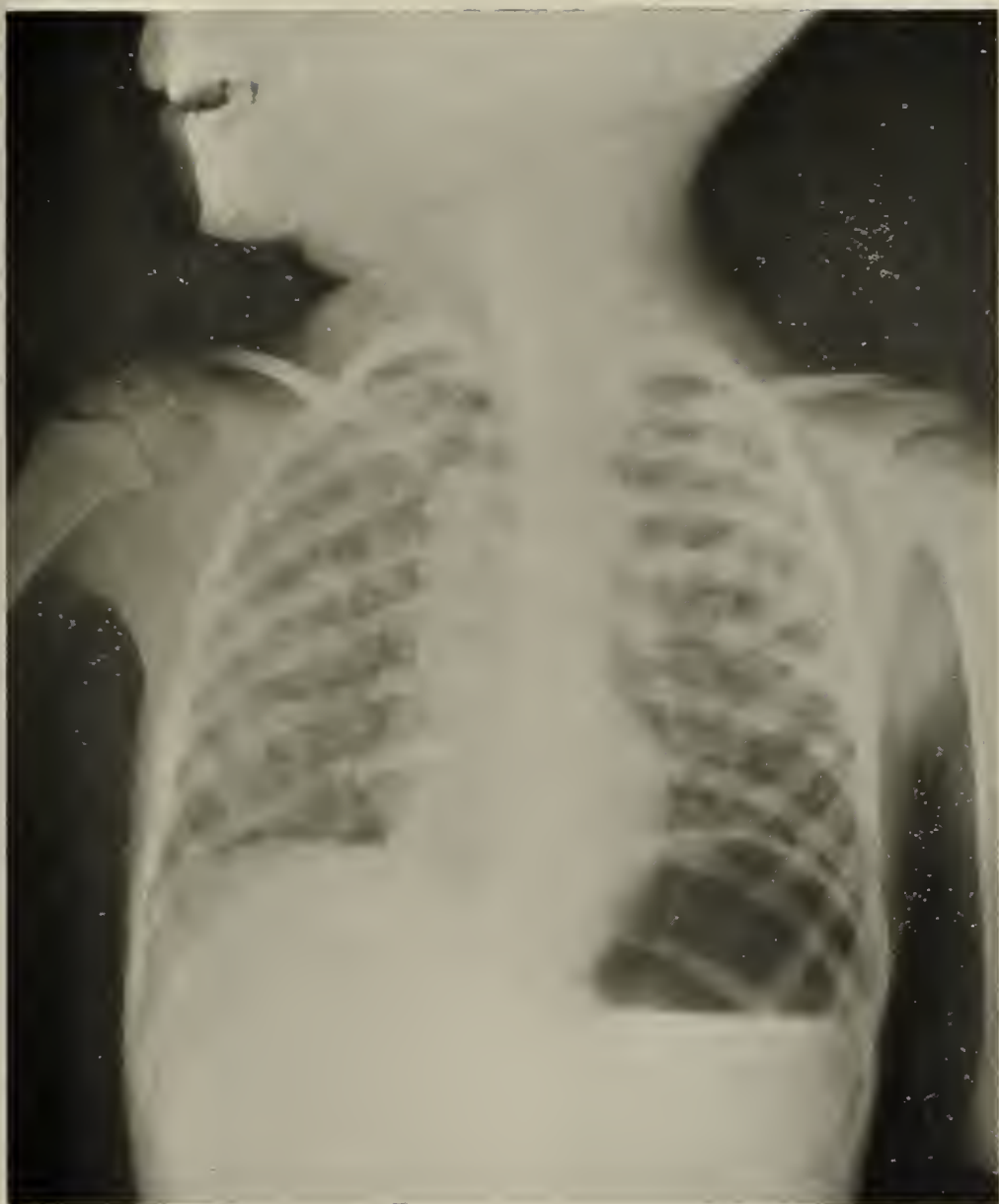
Table I.

	Mid-Devon and Ivybank.	South Devon and Whitecliff.	Hawkmoor.	Ortho. Hos. and other Clinics.	Total.
Pulmonary T.B.	1006	1364	1685	Nil	4055
Non-Pul- monary	114	85	53	107	359
Total	1120	1449	1738	107	4414



FEMALE, AGE 40 YEARS.





CHILD (CONTACT) AGE $3\frac{1}{2}$ YEARS.



Table II.

	Mid-Devon and Ivybank.	South Devon and Whitecliff.	Hawkmoor.	Ortho. Hosp. and other Clinics.	Total.
Males	491	597	765	31	1884
Females	545	671	944	28	2188
Children	84	181	29	48	342
Total	1120	1449	1738	107	4414

The following table shows the number of examinations of these patients for each area of the County :—

Table III.

	Mid-Devon and Ivybank.	South Devon and Whitecliff.	Hawkmoor.	Ortho. Hosp. and other Clinics.	Total.
Screenings	830	1109	1405	Nil	3344
Films	1152	1240	385	206	2983
Total	1982	2349	1790	206	6327

Other X-Ray Examinations.

717 examinations were carried out by the North Devon Infirmary of cases referred from the North Devon Area of the County, 82 examinations were made by the Plymouth Corporation, and 5 by other hospitals of patients who could not conveniently be brought to the County Council's own clinics.

Two interesting X-Ray photographs of a mother and her child are shown opposite. The latter was examined as a contact and was found to have miliary tuberculosis of both lungs.

X-Ray Examinations for other Authorities.

During the year, 179 patients were X-rayed for the Exeter City Council.

MATERNITY AND CHILD WELFARE.

Births.

During the year 1938, 5,703 (5,438 legitimate, 265 illegitimate) births were registered in the Administrative County, including Torquay (2,880 males and 2823 females); this is an increase of 93 on the year 1937. Of the total number of births, 2,646 occurred in the Urban Districts and 3,057 in the Rural Districts.

The birth rate for the County for 1938 was 12.3 per 1,000 of the population, compared with 12.4, 12.6, 13.3, 12.4 and 12.2 for the five previous years.

In the combined Urban Districts the birth rate was 11.3 and in the combined Rural Districts 13.3, an increase of 0.3 as compared with 1937. Table VII shows the number of births and the birth rate in each of the Urban and Rural Districts.

In the Urban Districts the highest rate was in Holsworthy, and the lowest in Lynton. In the Rural Districts the highest rate was in Plympton, and the lowest in Bideford.

The rate for England and Wales for 1938 was 15.1 compared with 14.9 in 1937.

Illegitimate Births.

There were 265 illegitimate births (Urban 140, Rural 125 ; males 147, females 118) registered, giving a rate of 5.5 per cent. for the Urban, and 4.2 per cent. for the Rural births, with a general rate of 4.8 per cent. for the County, compared with 4.4 for last year.

Stillbirths.

There were 238 stillbirths (135 males, 103 females), registered in the County, giving a rate of 41.7 per 1,000 total births.

Notification of Births.

Under Section 203 (2) of the Public Health Act 1936, all births in the Administrative County, other than Torquay, must be notified within 36 hours to the County Medical Officer.

In the County, other than Torquay, 4,603 live births were notified, compared with 5,207 registered, a difference of 604. 580 births were transferred to the Administrative County of Devon from other Local Authorities.

	1937	1938
Notified by Medical Practitioners.....	1,268	1,236
Notified by Midwives	3,110	3,138
	<hr/>	<hr/>
Totals	4,378	4,374
Reported by the Registrars as Non-		
Notified	197	229
	<hr/>	<hr/>
Totals	4,575	4,603
	<hr/>	<hr/>

TABLE VII.

Districts.	Popu- lations.	Births. Rates per 1,000 Population.		Infant Deaths. (Rates per 10		Maternal Deaths. 100 live births)	
		No.	Rate.	No.	Rate.	No.	Rate.
Ashburton	2,395	27	11.2	1	37.03	—	—
Axminster	2,355	33	14.0	4	121.2	—	—
Barnstaple	14,680	192	13.07	7	36.4	—	—
Bideford	9,294	117	12.5	3	25.6	—	—
Brixham	8,178	92	11.2	3	32.6	1	10.8
Buckfastleigh	2,452	27	11.0	3	111.1	—	—
Budleigh Salterton	3,388	27	7.9	2	74.07	—	—
Crediton	3,719	41	11.0	1	24.3	—	—
Dartmouth	5,966	73	12.2	3	41.09	—	—
Dawlish	5,455	48	8.7	1	20.8	—	—
Exmouth	15,170	148	9.7	6	40.5	—	—
Great Torrington	2,785	29	10.4	1	34.4	—	—
Holsworthy	1,357	20	14.7	3	150.0	—	—
Honiton	3,027	36	11.8	1	27.7	—	—
Ilfracombe	8,206	96	11.6	5	52.08	—	—
Kingsbridge	3,084	27	8.7	1	37.03	—	—
Lynton	1,808	15	8.2	—	—	—	—
Newton Abbot	14,570	171	11.7	10	58.4	1	5.8
Northam	5,272	56	10.6	—	—	—	—
Okehampton	3,562	47	13.1	4	85.1	—	—
Ottery St. Mary	3,562	45	12.6	3	66.6	—	—
Paignton	21,910	254	11.5	15	59.05	—	—
Salcombe	2,216	21	9.4	2	95.2	—	—
Seaton	2,501	33	13.1	1	30.3	—	—
Sidmouth	8,414	88	10.4	3	34.09	2	22.7
South Molton	2,767	33	11.9	3	90.9	—	—
Tavistock	5,556	60	10.7	3	50.	—	—
Teignmouth	9,750	92	9.4	3	32.6	—	—
Tiverton	9,870	117	11.8	2	17.09	1	8.5
Torquay	44,440	496	11.1	20	40.3	2	4.03
Totnes	4,691	65	13.8	3	46.1	—	—
URBAN	232,400	2646	11.3	117	44.2	7	2.6
RURAL.							
Axminster	10,210	132	12.9	3	22.7	1	7.5
Barnstaple	18,840	249	13.2	9	36.1	—	—
Bideford	5,051	58	11.4	1	17.2	—	—
Broadwoodwidge	1,955	27	13.8	2	74.07	1	37.0
Crediton	9,348	114	12.1	11	96.4	—	—
Holsworthy	6,178	82	13.2	5	60.9	1	12.1
Honiton	6,768	87	12.8	3	34.4	1	11.4
Kingsbridge	10,580	134	12.6	10	74.6	—	—
Newton Abbot	21,480	275	12.8	16	58.1	1	3.6
Okehampton	11,790	156	13.2	6	38.4	—	—
Plympton St. Mary	35,100	520	14.8	33	63.4	3	5.7
St. Thomas	29,350	412	14.03	24	58.2	—	—
South Molton	9,024	114	12.6	6	52.6	—	—
Tavistock	13,790	172	12.4	6	34.8	—	—
Tiverton	19,020	276	14.5	18	65.2	1	3.6
Torrington	7,426	104	14.004	9	86.5	—	—
Totnes	12,390	145	11.7	3	20.6	—	—
RURAL	228,300	3057	13.3	165	53.9	9	2.9
ADMINISTRATIVE COUNTY	460,700	5703	12.3	282	49.4	16	2.8

Stillbirths.

In the Administrative County other than Torquay, 166 Stillbirths were notified during the year.

	1937	1938
Notified by Medical Practitioners	68	53
Notified by Midwives	79	113
	<hr/>	<hr/>
	147	166
	<hr/>	<hr/>

In addition, 23 Stillbirths have been transferred to the Administrative County of Devon from other Authorities.

In the case of all Stillbirths attended by medical men, a letter is addressed to the Medical Practitioner concerned suggesting the application of a Wassermann test.

In 1938 this was considered desirable in 8 cases. In midwives' cases special enquiries are made by the Health Visiting Staff, and where it is thought necessary, medical advice is suggested.

Stillbirths were reported on by the Health Visitors in 81 cases, and from the information so obtained the causes of death were as follows :—

Ante-partum haemorrhage	4
Premature birth	4
Craniotomy	1
Shock or injury to mother	6
Strangled by cord	5
Instrumental delivery	15
Born before the arrival of Doctor or Midwife	3
Maternal ill-health	6
Prolonged labour	4
Breech presentation	8
Maceration.....	6
Deformity of baby	1
Cause unknown	18
	<hr/>
Total	81
	<hr/>

Infantile Mortality.

The number of deaths of infants under one year during 1938 was 282 (176 males and 106 females), and of this number 12 or 4.2 per cent. were illegitimate. Of the total deaths, 117 occurred in the Urban Districts and 165 in the Rural Districts.

The infantile mortality, *i.e.*, the number of deaths under one year per 1,000 live births, for the Administrative County was 49.4 compared with 51.6 for 1937. This compares favourably with that for England and Wales, *viz.*, 53.

In the Urban Districts the infantile mortality rate was 44.2. In the Rural Districts the infantile mortality rate was 53.9. Table VII shows the number of infantile deaths with rates per 1,000 births for each district in the Administrative County.

The following table compares infantile mortality rates in the County with England and Wales during the last ten years.

Districts.	Rates per 1,000 Registered Births.									
	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938
Urban	52	48	52	54	41	53	43	47	51	44
Rural	55	47	48	56	47	44	42	48	51	53
Administrative County	53	47	50	55	44	48	43	47	51	49
England and Wales	74	60	66	65	64	59	57	59	58	53

Ophthalmia Neonatorum Regulations and Public Health Act, 1936.

Ophthalmia Neonatorum is a notifiable disease of the eyes of infants acquired during birth. Under the above named Regulations, there were 27 cases notified during the year, including Torquay (14 Urban, 13 Rural), compared with 13 in 1937.

As from the 1st April, 1937, all notifications of this disease have to be sent direct to the County Medical Officer by the Medical Practitioners, instead of to the District Medical Officers of Health.

The following shows the number of cases of Ophthalmia Neonatorum notified during each of the last 5 years including the Borough of Torquay :—

Year	1934	1935	1936	1937	1938
Number	12	14	19	13	27

The Inspector of Midwives investigated 26 cases occurring in the Administrative County, other than Torquay, and reported as follows :—

Cases Investigated.	Treated		Vision		Total Blindness.
	At Home.	In Hosp.	Unimpaired.	Impaired.	
26	21	5	26	Nil.	Nil

16 cases occurred in the practice of midwives, and in 8 cases doctors were present at the birth. In one case neither a Doctor nor a Midwife was present.

Orthopaedic Treatment of Defects.

The following table gives the number of children who received treatment or were on the register at the various Hospitals and Clinics :—

Devonian Association for Cripples' Aid.

Number of cases treated, or on register, arranged according to causes of Defects :—

	Con- genital Deform- ities	Injuries	Rickets	Tuber- culosis Bones and Joints	Deform- ities fol- lowing acute in- fections	Pos- tural Deform- ities	Foot and Knee Abnor- malities	Other Con- ditions	Tota'
<i>Hospitals.</i>				*					
Princess Eliza- beth, Exeter	3	—	6	7	13	2	10	2	43
Ivybridge	2	1	1	—	1	—	2	—	7
AngelaConval- escent Home									
Tipton St. John	—	—	—	—	—	—	—	—	—
Mt. Gold Hos- pital, Ply- mouth	—	—	—	—	—	—	—	—	—
<i>Clinics.</i>									
Barnstaple	21	—	7	1	1	3	31	8	72
Exeter	12	1	9	2	3	2	15	7	51
Honiton	11	—	2	—	1	2	7	2	25
Kingsbridge	3	—	1	—	—	—	8	1	13
Launceston	1	—	—	—	—	1	1	1	4
Okehampton	5	—	4	—	1	—	16	—	26
Sth. Western	6	—	2	—	—	—	13	1	22
Tiverton	7	2	4	1	—	—	11	2	27
Torquay	10	1	11	5	4	2	25	3	61
	81	5	47	16	24	12	139	27	351

*These children were treated under the Tuberculosis Scheme, and the numbers are included in the figures given in the Tuberculosis section of this report.

The amount spent on Orthopaedic Treatment (other than Tuberculosis) of crippled infants under 5 years of age during the financial year was as follows :—

				£	s.	d.
Hospitals	.....	.....	.....	1,831	14	2
Clinics	.....	.....	.....	263	5	0
Other Expenses	.....	.....	.....	69	14	10
				<u>£2,164 14 0</u>		

(Further reference to Orthopaedic treatment will be found under the heading of "Orthopaedic Treatment.").

In addition to the above, two children were admitted to Rosehill Children's Home, Torquay, and 2 children to Dunraven Children's Home, Alphington.

Maternal Mortality.

During the year 1938, there occurred in the Administrative County, including Torquay, 16 deaths as a result of Childbirth ; this corresponds to a figure of 2.8 per 1,000 live births. Of these deaths, 7 occurred in the Urban Districts, and 9 in the Rural Districts, corresponding to rates of 2.6 and 2.9 per 1,000 births respectively.

The causes of death during Childbirth are classified as follows :—(1) Puerperal Sepsis ; (2) Other Puerperal causes :—

In 1938, the following maternal deaths were registered :

		Puerperal Sepsis.	Other Puerperal	TOTAL.	
		No.	Causes.	No.	Rate per 1,000 births.
Urban	.....	Nil	7	7	2.6
Rural	.....	3	6	9	2.9
County	.....	3	13	16	2.8

In 1900, the Maternal Death Rate in the County was 4.3.

The following shows the Maternal death rates in the County for the last 5 years, compared with the rates for England and Wales :—

Year.	Deaths from Puerperal Sepsis (Admin. County)	Deaths from other Puerperal causes (Admin. County)	Deaths from Childbirth—all causes.			
			Urban Districts.	Rural Districts.	Administrative County.	England and Wales.
1934	1.5	2.8	3.8	4.8	4.3	4.6
1935	1.5	3.6	5.7	4.8	5.2	4.1
1936	0.8	2.4	1.8	4.5	3.3	3.8
1937	0.7	2.4	2.2	4.0	3.2	3.2
1938	0.89	2.19	2.6	2.9	2.8	3.08

Causes of Maternal Deaths.

During the year, 20 deaths (10 last year) were investigated (excluding Torquay) in which the Certificates indicated that the fatalities were associated with pregnancy or parturition.

According to the details submitted these can be classified in the following groups :—

- | | | | | | |
|------|------------------------------------|-------|-------|-------|-----------|
| (1) | Puerperal Sepsis | ..... | ..... | ..... | 1 death. |
| (2) | Post partum haemorrhage | ..... | ..... | ..... | 4 deaths. |
| (3) | Placenta Praevia | ..... | ..... | ..... | 1 death. |
| (4) | Mitral Stenosis, rheumatism | ..... | ..... | ..... | 1 death. |
| (5) | Peritonitis, appendix abscess | ..... | ..... | ..... | 2 deaths. |
| (6) | Pneumonia and childbirth | ..... | ..... | ..... | 2 deaths. |
| (7) | Pulmonary Embolism | ..... | ..... | ..... | 2 deaths. |
| (8) | Prolonged labour, diabetes | ..... | ..... | ..... | 1 death. |
| (9) | Heart failure and prolonged labour | ..... | ..... | ..... | 4 deaths. |
| (10) | Eclampsia | ..... | ..... | ..... | 1 death. |
| (11) | Fit and collapse | ..... | ..... | ..... | 1 death. |

—
20
=

Puerperal Fever and Pyrexia Regulations, 1926 and the Public Health Act, 1936.

During the year 61 cases of Puerperal Pyrexia (Urban 41, Rural 20) were notified, including the Borough of Torquay.

The Inspector of Midwives investigated 43 cases of Puerperal Pyrexia other than Torquay.

From the details obtained from her enquiries, it would appear that, exclusive of the Borough of Torquay, 27 cases were attended by a Doctor and 16 cases by a Midwife. 18 cases received treatment in Hospital.

Ante-Natal Centres.

An ante-natal Centre, distinct from the Maternity and Child Welfare Centre, was established at Paignton in 1933, and during 1938; 103 expectant mothers attended, the total number of attendances being 279. There were 46 sessions.

Ante-Natal Medical Examinations.

The County Council make payments of a fee of 5/- per examination (including report) plus mileage at the usual rate of 1/- per mile (beyond two miles each way) on the understanding that in each case there is one general and obstetrical examination early in pregnancy (about the 16th week) and one full obstetrical examination at a later stage (about the 32nd week).

In 1938, 1,738 (1,416 last year) applications were received from medical practitioners for payment of fees. The amount paid during the financial year was £1,051 6s. 6d.

Dental Treatment.

During 1938, 127 applications (96 last year) were granted. The Scheme applies to expectant and nursing mothers, and includes extractions, dentures and conservative treatment. The cost for the financial year was £785 15s. 10d.

Consultants.

The Honorary Physicians and Assistant Physicians, the Honorary Surgeons and Assistant Surgeons of the following Hospitals have been appointed by the County Council to be available for consultation by medical practitioners in cases of Puerperal Fever and Pyrexia and of any abnormality :—

Prince of Wales Hospital, Plymouth.
Royal Devon and Exeter Hospital, Exeter.
North Devon Infirmary, Barnstaple.
Torbay Hospital, Torquay.

In addition :—

Dr. Mabel L. Ramsay, Plymouth.
Dr. B. Venn Dunn, Torquay.
Dr. S. Brook, Barnstaple.

Dr. M. Jackson, Crediton.
 Dr. O'Loughlin, Cheriton Fitzpaine.
 Dr. J. Marshall Scott, Southernhay, Exeter.
 Dr. J. Nicholson, Lailey, Taunton.
 Dr. A. K. Hamilton, Tiverton.
 Dr. G. Lowe, Tiverton.
 Dr. G. Nicholson, Tiverton.
 Dr. R. Nash, South Molton.

Before calling in Consultants, other than in cases of urgency, the County Medical Officer has to be consulted. The fixed fees for consultation are as follows :—

By day, £3-3-0, plus mileage allowance of 1/- per mile each way.

By night, £5-5-0, plus mileage allowance of 1/- per mile each way.

Patients recommended by doctors for Ante-natal consultations must, if they are able, attend the doctor's surgery or the hospital, the fee for these consultations being £1-1-0. In addition, fees varying from £2-2-0 to £10-10-0 are paid for operation or manipulation, or Caesarean section.

In 1938 application was made and granted in respect of 96 cases (68 last year). The cost for the year 1937-38 was £557-3-2 towards which £62-12-0 was received in contributions. In addition, 5 cases had an X-ray examination.

BACTERIOLOGY.

This work is done at the County Laboratory.

Institutional Provision for Maternity Care.

Arrangements have been made for the Institutional accommodation of women :—(1) found to have some abnormal condition ; (2) having unsuitable accommodation for confinements at home ; (3) suffering from puerperal fever or pyrexia ; (4) suffering from venereal diseases. The cost varies from £2-2-0 to £3-6-6 per week.

The following Hospitals admit patients coming within one or more of the above categories :—

The Torbay Hospital, Torquay.
 The Royal Devon and Exeter Hospital, Exeter.
 The North Devon Infirmary, Barnstaple.
 The Prince of Wales Hospital, Plymouth.

The City Hospital, Plymouth.
 The District Hospital, Paignton.
 The Alexandra Maternity Home, Plymouth.
 The Victoria Cottage Hospital, Sidmouth.
 The Cottage Hospital, Lynton.
 The Cottage Hospital, Exmouth (emergency only).
 The Cottage Hospital, Dartmouth.
 The Cottage Hospital, Moretonhampstead.
 The Cottage Hospital, Brixham.
 The Cottage Hospital, Bovey Tracey.
 The Winsford Cottage Hospital, Beaworthy.
 The District Hospital, Tavistock.
 The District Hospital, South Molton.
 Kenwyn Nursing Home, Crediton.
 The District Hospital, Tiverton.
 The Cottage Hospital, Ottery.
 St. Mary's and St. Olave's Home, Exeter.

Hospital or Maternity Home treatment has been requisitioned in the following cases :—

The Alexandra Maternity Home, Plymouth	.....	2 cases
The Durnford Street Maternity Home, Plymouth	.....	14 cases
The Victoria Cottage Hospital, Sidmouth	.....	9 cases
The Royal Devon and Exeter Hospital, Exeter	.....	87 cases
The North Devon Infirmary, Barnstaple	.....	82 cases
The Torbay Hospital, Torquay	.....	27 cases
The Prince of Wales Hospital, Plymouth	.....	20 cases
The Friary Nursing Home, Plymouth	.....	1 case
The Hospital, Tiverton	.....	31 cases
The Carlton Nursing Home, Plymouth	.....	1 case
The District Hospital, Paignton	.....	8 cases
The City Hospital, Plymouth	.....	12 cases
The Cottage Hospital, Exmouth	.....	1 case
The District Hospital, South Molton	.....	8 cases
The Hospital, Tavistock	.....	1 case
The Cottage Hospital, Lynton	.....	1 case
The Hospital, Dartmouth	.....	2 cases
The Tyrrell Cottage Hospital, Ilfracombe	.....	1 case
The Kenwyn Nursing Home, Crediton	.....	5 cases
Total	.....	<u>313 cases</u>

Arrangements have been made with the Public Assistance Committee whereby women may be admitted to Maternity Wards at the Public Assistance Institutions by making application direct to the Medical Department instead of following the usual procedure of applying to the Relieving Officers. This was done in 92 instances (24 last year).

The total amount paid during the financial year by the County Council in fees was £2,755 16s. 9d., of which £517 15s. 10d. was paid by patients. The amount repaid does not include the Royal Devon and Exeter Hospital cases, as these are assessed by the Hospital Committee and payment is made direct to them by the patients.

Home Helps.

Arrangements are made by the County Council for the provision of Home Helps for a period not exceeding two weeks a grant of 10/- per week is given (this is extended in exceptional cases). During 1938, 251 applications were granted (298 last year). The total amount paid by the County Council for the financial year was £233 10s. 8d.

Maternity Outfits.

Sterilised Maternity Outfits were provided by the County Council at a cost of 4/- each. In 1938, 551 outfits (533 last year) were supplied. Of this number, 362 patients paid the full cost.

Inspection of Midwives.

During the year 1938, 1,176 visits (compared with 1,118 for the preceding year) have been paid to 354 midwives, 72 special visits have been paid, compared with 59 for last year.

The position as regards midwifery service was as follows :—

Notified intention to practise	.....	.....	354
In practice at end of 1937	.....	.....	318
Left the County	.....	.....	27
Compensated under Midwives Act	.....	.....	9

Notifications, under Rules of Central Midwives' Board.

The following notifications were received from midwives :—

	1937	1938
Requisitions for medical aid	1,449	1,569
Still-births	38	44
Laying out a dead body	109	87
Contact with infection	63	86
Death of mother or child	29	35
Artificial feeding	144	109
	<hr/>	<hr/>
	1,832	1,930
	<hr/>	<hr/>

Artificial Feeding.

The reasons for artificial feeding in the 132 notifications received from Midwives were as follows :—

Insufficient or no milk	.....	.....	.....	32
Illness of mother	.....	.....	.....	10
Mother going to work	.....	.....	.....	13
Doctor's advice	.....	.....	.....	6
Mother does not wish to feed	.....	.....	.....	26
Breast trouble	.....	.....	.....	16
Baby not in care of mother	.....	.....	.....	1
Child not thriving	.....	.....	.....	3
Deformed infant	.....	.....	.....	1
Death of mother	.....	.....	.....	1
Total				109

Medical Aid.

Medical aid was summoned as follows :—

During Pregnancy.

Miscarriage or abortion	.....	.....	.....	78
Previous history unsatisfactory	.....	.....	.....	10
Albuminuria	.....	.....	.....	61
Disproportion (4), or abnormality (6)	.....	.....	.....	10
Ante-partum haemorrhage	.....	.....	.....	68
Discharge	.....	.....	.....	12
Varicose veins	.....	.....	.....	17
Illness of mother	.....	.....	.....	33
Oedema	.....	.....	.....	20
Pyelitis	.....	.....	.....	6
Phlebitis	.....	.....	.....	7
Toxaemia	.....	.....	.....	4
Eclampsia	.....	.....	.....	8
Prolapse	.....	.....	.....	3
High blood pressure	.....	.....	.....	6
Malpresentation	.....	.....	.....	19
Anaemia	.....	.....	.....	6
Epilepsy	.....	.....	.....	1
Excessive sickness and/or abdominal pain	.....	.....	.....	21
Cystitis	.....	.....	.....	3
Debility	.....	.....	.....	3
Post maturity	.....	.....	.....	12
Absence of foetal movements and/or heart	.....	.....	.....	2
Miscellaneous	.....	.....	.....	27
Total				437

During Labour.

Prolonged labour	.....	305
Malpresentation	.....	54
Ruptured perineum	.....	326
Premature labour	.....	18
Uterine inertia	.....	43
Collapse of mother	.....	6
Adherent placenta	.....	34
Foetal distress	.....	4
Twins	.....	11
Placenta praevia	.....	3
Retained membranes	.....	6
Prolapsed uterus	.....	3
Precipitate labour	.....	2
Prolapse of cord	.....	4
Baby born before nurse's arrival	.....	3
Raised blood pressure	.....	1
Disproportion	.....	1
Miscellaneous	.....	15

Total 839

During Puerperium.

Inflammation of breast	.....	10
Post partum haemorrhage	.....	28
Rise of temperature	.....	50
Thrombosis	.....	10
Phlebitis	.....	5
Rapid pulse	.....	4
Retention of urine	.....	1
Puerperal mania	.....	1
Miscellaneous	.....	8

Total 117

For Infants.

Feeble infant	.....	33
Stillbirth	.....	13
Deformity	.....	22
Discharging eyes	.....	56
Illness of baby	.....	8
Asphyxia	.....	5
Convulsions	.....	3
Phimosis	.....	9
Watery blisters	.....	4
Jaundice	.....	3
Spina bifida	.....	2
Talipes	.....	2
Miscellaneous	.....	23

Total 183

During the year, 1,325 applications (1,284 last year) were received from Medical Practitioners for payment of fees.

The amount paid in fees during the financial year was £2,500 10s. 8d.

Contributions received from patients amounted to £639 16s. 6d.

Grants on Appointment of new Midwives.

The County Council make a grant of £30 in respect of each newly appointed midwife who has not served under any other Local Authority. This grant is made in order to cover part of the cost of training. During the financial year, Appointment Grants were made in respect of 22 midwives at a total cost of £660.

Post Graduate Course for Midwives.

20 midwives attended a Post Graduate Course in a London Hospital for two weeks each. The amount paid by the Council being £79 18s. 5d., including travelling expenses.

Equipment.

Midwifery bags are paid for by the County Council at a cost of £1 5s. 6d. to £1 8s. 6d. for each empty bag and £2 7s. 0d. for a bag fully equipped. In 1938, 36 bags were supplied. The total cost was £81 14s. 0d., including equipment and repairs.

Grants.

The Devon County Council made the following annual Grants to the Devon Nursing Association.

	£
Augmentation of salaries of midwives	4,000
In lieu of Ministry of Health grant	800
New and Needy Associations (Estimated)	200
Training of Midwives (Estimated)	600
Conveyance of Midwives (Estimated)	200
Renewal of Motor Vehicles (Estimated)	100
Total	<u>£5,900</u>

Midwives Act, 1936.

The County Council have delegated to the Devon Nursing Association and other Nursing Associations the duty of providing a midwifery service in accordance with the standards laid down by the above Act.

The County Council have undertaken to bear the cost of the improved services in so far as it relates to midwifery work. Agreements have been made only with those Associations who have undertaken to abide by the scale of salaries and fees recommended by the County Council. It is hoped that ultimately each Midwife in the County will have a telephone. Where necessary, cars are being provided.

The following is an estimate of the cost for the financial year 1938-39 :—

	£
Grants to unaffiliated Associations	370
Augmentation of Salaries	6,200
Compensation to Midwives	2,000
Provision of cars	4,100
Telephones.....	650
Post Graduate training	200
Superannuation Scheme for Nurses	375
Total	<u>£13,895</u>

Compensation to Midwives.

Section 5 of the Act provides that every midwife who, between the first of January, 1935, and the 18th March, 1936, has given notice to an authority of her intention to practise and who, within a period of three years from the commencement of the Act, surrenders her certificate to the local supervising authority in whose area she is practising at the time of the surrender, shall be entitled to be paid compensation by that authority. Midwives can receive compensation on a voluntary or a compulsory basis. The compensation to be paid to midwives who surrender their certificate under the Act will be equivalent in

the case of voluntary retirement, to three times, and in the case of compulsory retirement to five times the average net annual emoluments derived by the midwife from her practice as a midwife or maternity nurse during the preceding three years or the period of her practice, whichever is the shorter. During the financial year 1938-9, 12 claims were paid at a cost of £2,116 6s. 1d.

Motor Hire.

The Devon Nursing Association take full responsibility for the nursing of un-nursed areas, and for these services are paid a block Grant of £400 per annum by the County Council. In 1938, 64 applications (120 last year) for transport facilities were granted.

Motor Conveyance.

Three midwives used motor-bicycles for their work. 79 midwives use motor cars. 35 cars were supplied by the Nursing Association.

Women's Welfare Clinics.

These are held at Exeter, Totnes, Barnstaple and Plymouth. During 1938, 75 (Exeter 50, Barnstaple 18, Plymouth 4, Totnes 3) applications were received for instruction in birth control. These are only granted on production of a medical certificate. 581 applications were received for the renewal of supplies.

Health Visiting.

There are 26 Health Visitors employed by the County Council.

Work of the Health Visitors.

Table VIII shows the work of the Health Visitors during 1938.

TABLE VIII.

No. of Visits paid to :	Axminster	Barnstaple	Barnstaple R.	Bideford	Crediton	Crownhill	Dartmouth and Brixham	Esmouth	Holsworthy	Honiton	Ilfracombe	Kingsbridge	Newton Abbot	Newton Abbot R.	Okehampton	Paignton	Plympton	South Molton R.	St. Thomas R.	Tavistock	Teignmouth, Daw- lish, and part St. Thomas	Tiverton	Tiverton R.	Torrington R.	Totnes R.	Totnes U.	Totals
Expectant Mothers	119	—	148	101	63	129	94	82	112	134	120	105	11	27	74	23	98	37	95	245	6	2	41	132	9	68	2075
Births first time	113	270	186	180	188	426	125	171	155	212	121	132	214	152	204	159	225	135	262	187	171	78	158	122	157	217	4720
Revisits	418	1525	1244	864	727	693	194	686	1122	959	510	674	797	526	651	194	1015	625	390	1154	693	493	656	559	478	457	18304
Children 1-5 years	647	1788	1340	239	939	1547	311	1449	2267	1205	565	1551	2341	1308	984	637	1845	1104	783	1764	1874	1106	825	1466	1390	1660	33935
Boarded-out child'en	19	67	23	27	63	25	35	72	15	42	31	5	88	69	7	24	18	—	45	18	12	29	6	27	20	11	798
Tuberculosis cases	55	122	46	25	14	181	27	21	65	81	59	62	99	29	94	6	116	58	20	155	15	10	—	44	49	93	1446

The following shows the estimated mileage covered by Health Visitors during the year 1938 :—

Area.	Mileage.				
	Car	Train	Bus	Bicycle	Walking
Axminster	3338	—	—	—	203
Barnstaple Rural	7727	—	1666	—	514
Barnstaple	—	—	—	1661	—
Bideford	—	120	1439	140	273
Crediton	5517	—	—	—	—
Crownhill	520	152	2186	—	—
Dartmouth	—	388	1908	—	592
Exmouth	1646	44	80	—	140
Holsworthy	5111	—	—	—	—
Honiton	4735	—	150	—	889
Ilfracombe	2273	—	52	—	—
Kingsbridge	5479	—	72	—	—
Newton Abbot	—	—	29	1517	474
Newton Abbot Rural	8396	—	—	—	—
Okehampton	5466	—	—	—	222
Paignton	—	—	1134	—	452
Plympton	3938	—	—	—	—
St. Thomas	6635	—	20	—	64
St. Thomas West	—	3149	510	—	647
South Molton	5546	95	—	—	356
Tavistock	4934	—	—	—	—
Tiverton	600	—	92	65	533
Tiverton Rural	7898	—	—	—	—
Torrington Rural	7569	—	—	—	—
Totnes	2371	32	3278	—	587
Totnes Rural	4497	—	—	—	—
Totals	94196	3980	12616	3383	5946

Public Health Act, 1936. (*Nursing Homes Registration*)

At the end of 1938, a total of 41 Nursing Homes were on the register. Four Nursing Homes were registered for the first time, and 16 were exempted from registration, as they were not carried on for profit.

Regular inspections are made of Nursing Homes for the purpose of seeing that the Bye-Laws have been duly observed.

Maternity and Child Welfare Centres.

There are 40 Centres provided or subsidised by the County Council. All Centres other than those specially marked (*) (x) have weekly sessions.

The following shows the attendances at the different Centres :

Name.	Estimated Popula- tion 1935	No. of Openings.	Mothers present.	Infants present.	Children 1-5 years
Appledore	5293	46	422	377	215
Barnstaple	14630	99	4938	3109	2356
Bideford	9561	47	2668	1603	1457
xBovey Tracey	3053	23	393	214	326
xBraunton	3019	22	312	127	262
xBroadclyst	1904	22	438	200	389
Brixham	8240	44	1806	658	1726
xChagford	1584	22	338	210	195
Crediton	3739	46	1329	694	707
xCrownhill	—	21	627	377	351
xCullompton	2973	21	552	437	290
Dawlish	5276	44	1054	607	813
Dartmouth	6119	45	1186	762	737
Exmouth	15210	45	1167	722	731
x†Hartland	1483	3	51	14	37
Honiton	3284	24	582	225	513
xHolsworthy	1286	22	410	152	401
Ilfracombe	8627	46	1989	942	1402
xIvybridge	1609	22	316	108	275
xIpplepen	845	18	183	154	251
xKingsbridge	3193	21	430	152	447
xKingskerswell	1405	23	395	183	323
xMoretonhampstead	1587	22	566	239	497
Newton Abbot	14810	45	1339	806	855
Ottery St. Mary	3646	48	742	627	303
Okchampton	3581	46	1437	843	1184
Paignton	20550	51	3133	1845	1890
xPrincetown	2232	26	458	249	284
xPlymstock	7057	22	836	468	548
xPlympton	6152	21	494	287	397
xSidbury	1385	22	164	50	160
Sidmouth	5668	46	1463	1057	749
*Slapton	443	12	70	30	47
South Molton	2833	46	727	320	568
Tavistock	5460	47	2162	1099	1211
Teignmouth	10048	47	847	684	283
Tiverton	9831	44	1182	733	496
xTopsham	3437	23	762	306	618
xTorrington	2846	23	549	294	295
xTotnes.....	4450	22	600	405	368
TOTAL		1339	39227	22369	24957

xHeld fortnightly.

*Held monthly.

†Opened 11.11.38.

In addition there is a Centre at Witheridge for weighing only.

No. of openings	22
Mothers present	257
Infants present	141
Children 1—5 years	177

MILK GRANTS.

The following shows the amount of milk granted to Nursing and Expectant Mothers, and Infants.

Estimate for Financial Year : £1,000.

<i>Urban Districts.</i>	<i>Pints.</i>	<i>Rural Districts.</i>	<i>Pints.</i>
Ashburton	56	Axminster	2,828
Axminster	2,592	Barnstaple	14,736
Barnstaple	12,053	Bideford	9,044
Bideford	1,848	Crediton	3,876
Brixham	952	Holsworthy	2,576
Buckfastleigh	168	Honiton	1,848
Budleigh Salterton	364	Kingsbridge	7,556
Crediton	1,876	Newton Abbot	4,340
Dartmouth	644	Okehampton	7,834
Dawlish	1,428	Plympton	8,764
Exmouth	3,438	St. Thomas	9,686
Holsworthy	2,123	South Molton	3,782
Honiton	1,400	Tavistock	3,108
Ilfracombe	1,218	Tiverton	2,716
Ivybridge	876	Torrington	9,156
Kingsbridge	1,036	Totnes	2,492
Lynton	560		
Newton Abbot	252	Total	94,342
Northam	756		
Okehampton	1,484		
Ottery St. Mary	364		
Paignton	13,116		
Salcombe	168		
Seaton	28		
Sidmouth	1,708		
South Molton	1,064		
Tavistock	1,922		
Teignmouth	1,288		
Tiverton	1,736		
Torrington	5,004		
Totnes	1,484		
Total	51,206		

CHILDREN ACT, 1908. PART I.**CHILDREN AND YOUNG PERSONS ACT, 1932.****PART V.**

In the administrative County at the beginning of the year there were 120 children boarded out in accordance with the above Acts in 93 homes ; at the end of the year there were 117 children in 90 homes.

During the year 42 new applications for registration were received from foster parents. The homes of these persons were visited by the Inspectors and approved for the reception of one child.

In addition, sanction was given to two registered foster mothers to receive a second child and one to receive a third child.

The following notifications were received from foster mothers during the year :—

- 17 children removed to the care of relatives.
- 10 children attained the age of 9 years.
- 3 children removed to other foster parents.
- 5 children were legally adopted.
- 4 children left the County.
- 5 children were removed to a Childrens' Home.

The Health Visitors, who are Inspectors under the above Acts, paid 798 visits to the homes of nurse-children.

Miss Booker, Superintendent Health Visitor, paid 118 visits of inspection.

MENTAL DEFICIENCY.

Ascertainment.

The number of individuals in the County now known to be defective within the meaning of the Act is 2,791.

This figure refers to cases in which a diagnosis of deficiency has been established by medical opinion.

In the work of ascertainment, the services of the Devon Voluntary Association have again been of the greatest possible assistance.

Cases dealt with under the Act.

The report of the Petitioning Officer shows that during the year 71 cases have been committed to Institutions, 21 patients were discharged from under the operation of the Act, and 14 patients died.

Guardianship and Licence.

On December 31st, 1938, there were 30 cases under Guardianship and 121 on Licence from Institutions; both these groups have been under the close supervision of the Devon Voluntary Association. A survey of the manner in which the superintendence of these cases is carried on in this County has been sent to the Board of Control.

Home Teaching and Occupation Centres.

There has this year been considerable expansion in the work of Home Teaching under the control of the Devon Voluntary Association for Mental Welfare. Mrs. Carlton in North Devon, consolidated her work with ineducable children and has increased the scope of her handicraft and needlework teaching to adult patients. She has also carried on a weekly Occupation Centre at Bideford, and has started weekly classes in Braunton and Ilfracombe.

Miss Dunstan, appointed by the Devon Voluntary Association on 1.4.38, has made a good beginning in the Southern and Eastern Districts of the County.

The Occupation Centres at Barnstaple and Torquay continue to do invaluable work in their own areas, and the Torquay Centre held a successful "Open Day" on 19th October, 1938.

The work at Barnstaple has been somewhat handicapped by the absence of the Head Teacher in charge through family illness. Owing to this, the Centre had to be closed for the month of September.

Institutional Care.

On December 31st, 1938, there were 42 cases under institutional care in institutions outside the County; 264 in the Royal Western Counties Institution, Starcross; 88 in the Devon and Exeter Homes; 48 in Stoke Lyne, Exmouth; 108 in Box House, Axminster, and 93 in Western Lodge, Crediton.

For various reasons, the additional accommodation built for the County's cases at Langdon Extension has not yet been fully used. Delays were experienced in staffing the new wards.

Institutions controlled by the County Council.

Plans have been prepared to permit the reception of patients from congested areas, should a national emergency arise, and all three Institutions have given close attention to the training of staffs in Air Raid Precautions.

Arrangements for the care and control of patients in a Raid have been fully discussed and every effort has been made towards the safeguarding of property.

Schemes for darkening the buildings have been made and the fire fighting appliances have been subjected to careful periodic re-inspection.

Owing to the continued shortage of female nursing staff, it has not yet been possible to make arrangements which would permit the Committees to seek recognition for the three Institutions as a Training School for Nurses.

Stoke Lyne, Exmouth.

The continued ill-health of Miss Darlington made it necessary for her to tender her resignation, and she retired on the 14th June, 1938, after some 20 years of service at this Institution.

There could be no better way of recording appreciation of Miss Darlington's work than by quoting the report of the Commissioner of the Board of Control who visited the Institution on 17th May, 1938, and who wrote as follows :—

“ We should like to take this opportunity of placing on record the exceptionally good work which Miss Darlington has carried on under the difficulties inevitably associated with a Home for low grade children. She opened this Home 20 years ago and has made it her life work. One always finds on visiting Stoke Lyne a home-like atmosphere and a happy relationship between the patients and the staff. Miss Darlington thoroughly understands problems of training and care and has made a special point of training young nurses who will, we were pleased to hear, be remaining at Stoke Lyne.”

On the 22nd June, 1938, Miss M. Lingard, of West End House, Shepton Mallet, was appointed, and assumed duty on the 15th August, 1938.

Box House, Axminster.

The certificate issued by the Board of Control has this year raised the number of patients to be accommodated in this Institution to 131. Owing to the National Crisis of September, however, it was decided to postpone the utilisation of the additional accommodation, but it is now proposed to fill the vacancies at an early date.

There has been a considerable amount of illness among the patients this year, chicken-pox and ringworm having occurred in mildly epidemic form. In the late summer 5 cases of lengthy febrile illness were reported, in two of which a definite diagnosis of Typhoid Fever was made. Pathological confirmation of suspected Typhoid was not forthcoming in the remaining cases. There was at the same time a small epidemic of Typhoid in the town of Axminster. The nursing of these cases imposed a heavy burden on the nursing staff, and seriously interfered with the activities and recreations of the Institution.

Nevertheless, all departments are able to report an increase in work done, and the boot-repairing department has undertaken a new kind of work in making slippers for Institution use. It is hoped to effect considerable financial saving by this new undertaking.

The tailors' shop has continued its work, and has turned out some 400 new articles during the year.

The Carpenter Instructor and the Engineer, with the boys in their charge, have been responsible for valuable work in the repair, decoration and renovation of the Institution.

Additional ground has been brought under cultivation in the garden, and the chopping and bundling of wood by the low grade patients has been carried out on a larger scale this year, and the cash sales of wood have increased.

Though restricted by the Typhoid epidemic, the cricket team and the Scout Troop both had a busy summer season and four Patrols camped for a week at Lyme Regis.

Western Lodge, Crediton.

During the past year, parole in groups of three has increased to about 65% of the patients and appears to be greatly appreciated by them.

The annual outing to Exmouth took place in July.

A successful sale of handicraft work done during the year by the patients was held in December. The proceeds amounted to £100.

Keen interest is still maintained in the Physical Training Classes, and at Christmas time the staff and patients produced the pantomime "Cinderella," which was greatly enjoyed by all.

BLIND PERSONS ACT, 1920.

Powers under this Act have been delegated to the Committee for the Welfare of the Blind.

Although blindness—its cause, prevention, and treatment—is essentially of medical interest, the Medical Department have taken no active part in the administration of the Act.

The Scheme of Registration contains a proviso that before the name of a blind person is entered in the Register, he must be examined by a medical practitioner with special experience. If, for one reason or another, the blind person is unable to travel, his name, together with a certificate from his own medical practitioner, is sent to the County Medical Officer for his approval before being placed on the Register.

VENEREAL DISEASES.

Arrangements were continued for the diagnosis and treatment of patients suffering from Venereal Diseases at the Royal Devon and Exeter Hospital, Torbay Hospital, North Devon Infirmary (Annexe), Barnstaple and the City Hospital, Plymouth. Female in-patients are also sent to St. Mary's Home, Exeter, for observation and treatment.

The total number of new County cases attending for out-patient treatment at the Centres during 1938 was 277, compared with 370 in 1937 : 23 new in-patients received treatment compared with 15 for 1937.

Up to the end of 1938 the names of 41 medical practitioners had been placed on the list of those qualified to administer Salvarsan substitutes, and to these 135 supplies were sent in the Exeter area, compared with 303 for the previous year. No supply, in either year, was sent in the Plymouth or Torquay areas.

The total number of specimens examined during the year at the County Laboratory was 1,880 compared with 1,713 in 1937.

It was found necessary to repay the sum of £101 12s. 0d. to patients for expenses incurred in travelling to the nearest clinics, compared with £58 13s. 1d. in 1937 and £43 14s. 9d. in 1936.

The following table shows the number of persons who attended for the first time, and the total number of attendances of all persons at the clinics during the years 1936-1938 :—

	1936	1937	1938
1. Number dealt with at or in connection with the out-patient clinics for the first time	318	370	277
2. Total attendances of all persons residing in the administrative County	11776	13843	14495

LOCAL GOVERNMENT ACTS, 1929 and 1933.

Combined Appointments.

The Committee's revised scheme has been sealed by the County Council and copies sent to the Ministry of Health.

No additional combined appointments were made during the year.

Infectious Diseases Hospitals.

One or two small adjustments have been made in the original scheme for the provision of Isolation Hospital accommodation.

HOUSING.

The following information has been extracted from the Sanitary Inspectors' returns, Tables XI and XII at the end of the Report :—

	No. of new houses erected during the year.		No. of Closing Orders made.	No. of Demolition Orders made.	No. of houses demolished
	(1) By Sanitary Authorities.	(2) By Private Enterprise.			
	(3)	(4)	(5)		
Urban Districts	408	643	10	42	159
Rural Districts	205	929	4	34	24
Administrative County	613	1572	14	76	183

HOUSING (RURAL WORKERS) ACTS, 1926 and 1931.

During the year, 272 applications for grants were received of which 199 were approved. The following table shows the progress which has been made since the 1926 Act came into operation :—

Year.	Applications.		Amounts authorised	Average cost per House.	Dwellings completed	Grants paid.
	Received	Granted				
1927	73	8	£ 749	£ 159	0	£ 0
1928	192	119	11,391	196	46	4,082
1929	283	172	16,927	196	106	10,039
1930	264	224	22,064	193	187	17,980
1931	337	239	23,628	200	263	25,759
1932	202	155	15,338	196	199	19,766
1933	209	152	15,094	208	136	13,242
1934	262	171	16,948	218	155	15,308
1935	198	159	15,729	239	164	16,228
1936	271	191	19,025	243	172	17,145
1937	263	161	16,069	255	167	16,475
1938	272	199	18,631	—	160	15,944

It is worthy of note that the progress has continued in spite of the steady increase in the cost of re-conditioning caused by the policy of the Committee to secure an improvement in their standard of building requirements. One important item being the provision of an adequate supply of pure water, laid on to the cottage where possible. Shallow walls are still very common in the rural districts, and have caused considerable difficulty when dealing with some applications. The provision of proper piped supplies, apart from other obvious benefits, would greatly facilitate the operation of these Acts.

The following is a summary of the number of applications received and grants made up to January, 1939 :—

Applications received	.....	.....	2,826 dwellings.
„ refused	.....	.....	193 „
„ withdrawn	.....	.....	554 „
„ approved	.....	.....	1,950 „
„ approved provisionally	.....	.....	129 „
Amount spent on reconditioning above 1,950 dwellings (£218 per dwelling)	.....	.....	£ 424,873
Grants authorised	.....	.....	191,499
„ „ provisionally	.....	.....	12,900
Dwellings completed	.....	.....	1,755
Grants paid	.....	.....	171,971
Loans authorised (81)	.....	.....	10,873
Grants returned (including interest) (41)	.....	.....	4,243

RIVERS POLLUTION PREVENTION.

During the year the County Health Officers made 156 visits of inspection in connection with the pollution of rivers, of these 22 were the result of specific complaints. 68 samples of river water were collected for analysis.

Milk factory wastes, sand washing and china clay reclamation are other sources of pollution calling for constant observation.

As a rule the various manufacturers are only too ready to co-operate with the Committee in order to prevent pollution.

SANITARY INSPECTORS.

The following is a summary of the inspections carried out during the year :—

Housing (Rural Workers) Acts.

Inspections and re-inspections	.....	.....	141
Special visits in connection therewith	.....	.....	1

Rivers Pollution.

Visits of inspection	.....	.....	134
Visits to investigate complaints	.....	.....	22
Samples of river water	.....	.....	68

Milk and Dairies Acts and Orders.

Accredited Herds.—Inspection of premises (new applications)	.....	.....	384
Re-inspections	.....	.....	109
Samples of milk	.....	.....	24
Tuberculin tested Herds.—Inspection of premises (new applications)	.....	.....	21
Re-inspections	.....	.....	22
Milk in Schools Scheme.—Inspection of premises	.....	.....	28
Supplies to Council's Institutions.—Inspection of premises	.....	.....	1
Surveys of water supplies and sewage disposal schemes	.....	.....	47

Inspections of Meat at the Devon Mental Hospital.

Number of Inspections	.....	.....	187
Number of Carcases examined	.....	.....	374
Amount of meat condemned	.....	.....	640 lbs.

General.

Consultations with District Sanitary Inspectors, etc.	.....	.....	45
Investigation of other complaints	.....	.....	8
Samples of public water supplies	.....	.....	24
Ministry inquiries	.....	.....	2

WATER SUPPLIES.

The following are extracts from the Annual and Special Reports of the District Medical Officers of Health, where the supply has been reported as unsatisfactory or new work commenced or completed during the year :—

Urban Districts.

CREDITON.—A reservoir to contain 50,000 gallons is being constructed near the War Memorial.

DARTMOUTH.—The Borough's new Waterworks Scheme was commenced in August, and it is hoped this will be completed early in 1940.

DAWLISH.—Negotiations for the acquisition of additional water rights were completed in January. It is hoped to complete the scheme by the end of 1939.

EXMOUTH.—365 yards of new distribution mains, 3,700 yards of 12 inch trunk main connecting Dotton Pumping Station direct to the town, and 2,125 yards of 15 inch trunk mains from Squabmoor Reservoir to Knowle Hill Tunnel have been laid.

HONITON.—Supply had to be curtailed all through the summer. Council should take steps to provide increased supply.

OTTERY ST. MARY.—Despite considerable work done by the Council to improve the quality of the water it was still found to be unsatisfactory and a chlorinating plant is now being installed.

PAIGNTON.—A fresh supply has been taken from Collaton Village to the District Boundary to supply several houses and camps.

TORQUAY.—Four miles of distribution main were laid in the Borough.

Rural Districts.

AXMINSTER.—Kilminster should be provided with a piped supply, and a scheme is being prepared.

BARNSTAPLE.—*Bratton Fleming*—A new scheme has been completed.

Berrynarbor and Georgeham—Improved supplies being considered.

Braunton, Combe Martin, Landkey, Sherwell, Swimbridge, Westleigh—Improved supplies necessary.

CREDITON.—*West Down*.—Scheme urgently required.

HONITON.—*Branscombe*.—Scheme for a piped supply has been adopted.

NEWTON ABBOT.—*Trusham*.—Has been connected to the main.

PLYMPTON ST. MARY.—*Down Thomas*.—The extension of the public water supply has been completed.

SOUTH MOLTON.—Public supplies are needed for Chittlehampton, West Buckland, Molland and Georgenympton.

TIVERTON.—The regional scheme is making good progress and is to be completed by the end of 1939. Silvertown experienced a shortage during the year but it is hoped it will be possible to remedy this by augmentation from the regional scheme.

DRAINAGE AND SEWERAGE.

The following are extracts from the Annual and Special Reports of the District Medical Officers of Health, where the disposal has been reported as unsatisfactory or new work commenced or completed during the year :

Urban Districts

ASHBURTON.—The present unsatisfactory system is still receiving consideration.

CREDITON.—The unsatisfactory state of drainage at Fordton still continues.

EXMOUTH.—The unsatisfactory conditions at Courtland and Marley still exist, but a scheme has been prepared to deal with the former.

HONITON.—The new concrete sewer was completed during the year.

NORTHAM.—The unsatisfactory state of the Northam and Westward Ho ! sewage is now being remedied.

TEIGNMOUTH.—The main sewer draining the western end of the town to the sewage tank at Gale's Hill has been completed and work is in progress on the reconstruction of the main sewage tank and the outfall.

TORQUAY.—The Main Drainage Scheme was adopted by the Corporation and work is commencing in the new year.

Rural Districts

AXMINSTER.—Steps are being taken to provide a proper sewerage scheme for Uplyme.

BARNSTAPLE.—*Bratton Fleming*.—Sewerage Scheme completed.

Tawstock.—New sewer completed.

CREDITON.—*Chawleigh*.—A drainage scheme should receive immediate attention.

HONITON.—*Colestocks, Payhembury and Kerswell*.—Provision of new sewage works under consideration.

NEWTON ABBOT.—*Trusham*.—The laying of a sewer will be considered in the near future.

PLYMPTON ST. MARY.—The Crabtree Sewerage Scheme and the Brixton Sewerage and Sewage Disposal Schemes have now been completed.

SOUTH MOLTON.—A scheme was completed during the year for Yeo Mill.

TIVERTON.—*Cullompton*.—The new Outfall Works are in operation and working satisfactorily. A new scheme has been prepared for Hemyock.

MILK AND DAIRIES ACT, 1915, AND ITS ORDER, THE MILK AND DAIRIES ORDER, 1926.

The following is a summary of the work in connection with Milk Production, during the year :—

Veterinary Inspection.

As a result of the Agricultural Act, 1937, the County Council's Full-time Veterinary Staff was transferred to the Ministry of Agriculture and Fisheries as from the 1st April, 1938. All Veterinary work will, in future, be carried out by the Ministry of Agriculture and Fisheries.

Milk and Dairies Act.

During the year 3,258 Veterinary Inspections were carried out, 60,551 cows have been examined, and 1,466 (2.42%) with indurated udders have been detected.

Examination of the milk from these abnormal udders has shown that 12 (.019% of the total number of cows examined) were giving tuberculous milk, and 857 (1.4% of the total number of cows examined) were giving milk which was unfit for human consumption for reasons other than tuberculosis. The cows giving tuberculous milk have been slaughtered under the Tuberculosis Orders, while steps have been taken to prevent the milk from the other cows, returned as unfit, from reaching the public.

Milk (Special Designations) Order 1936.

Accredited Milk Scheme.

140 applications have been received under the above scheme, for Accredited Licences. By the end of the year, 95 had been approved, making a total of 743 Accredited Herds.

Quarterly clinical examinations of the herds under the scheme have been carried out, and samples from suspicious cows have been taken and sent to the County Laboratory for examination.

4,228 bulk samples of milk for cleanliness have been taken by the Local Sanitary Inspectors in the County, and of this number, 1,833 have failed to reach the required standard. This number includes samples taken before granting the licence, and repeat samples.

Tuberculin Tested Milk.

7 applications were received for licences during the year. 589 bulk samples of Tuberculin Tested milk have been taken by the Local Sanitary Inspectors, and of this number 106 (18%) have failed.

The following Licences were in operation in the Administrative County at the end of 1938 :—

Accredited	.....	.....	.....	743
Tuberculin Tested	.....	.....	.....	79

Milk in Schools Scheme.

During the year the herds of producers supplying milk under this scheme have been examined. 106 samples of milk were taken from cows with indurated udders, and of these, 43 were found to be giving milk unfit for human consumption for reasons other than tuberculosis.

197 bulk samples of milk from these producers have been taken by the Local Sanitary Inspectors for cleanliness, and of these, 96 have failed to reach the required standard—this number includes repeat samples.

SALE OF FOOD AND DRUGS ACT.

All functions relating to the sale of Food and Drugs are discharged by the Police. There are no special County Inspectors.

Samples are taken regularly by the Police Officers and submitted to the Public Analyst, Mr. T. Tickle, for analysis. The latter submits a report to the Public Health Committee at the end of each quarter.

TABLE IX.

TABLE IX.

IN EACH DISTRICT DURING THE YEAR, 1938.

General Paralysis of the Insane, tabes dorsalis	Cancer, Malignant Disease	Diabetes	Cerebral Haemorrhage, etc.	Heart Disease	Aneurysm	Other Circulatory Diseases	Bronchitis	Pneumonia (all forms)	Other Respiratory Diseases	Peptic Ulcer	Diarrhoea, etc. (under 2 years)	Appendicitis	Cirrhosis of Liver	Other Diseases of Liver, etc.	Other Digestive Diseases	Acute and Chronic Nephritis	Puerperal Sepsis	Other Puerperal Causes	Congenital Debility, Premature Birth, Malformation, etc.	Senility	Suicide	Other Deaths from Violence	Other Defined Diseases	Causes ill-defined or unknown
— — 1 —																								

TABLE XI. 1938.
SUMMARY OF SANITARY INSPECTOR
URBAN DISTRICTS.

DISTRICTS.		FOOD SUPPLY.																														SLAUGHTERHOUSES.																																																																																																																																																																																																																																					
		MILK.																				BAKE-HOUSES.										Animals slaughtered.								Tuberculosis.								Other Diseases and Conditions.																																																																																																																																																																																																																					
		No. of Cow-keepers or Dairy-men on registers at end of year.										No. of Inspections.										No. removed from register during the year.																														No. of Samples taken for analysis.										No. of Cows with defective floor.										Are methods for producing Clean Milk generally satisfactory.										No. in district.										No. of Inspections.										No. of Registered.										No. of Licensed.										No. of Public.										No. of Inspections.										Is notice of Slaughtering duly carried out.										Cattle (excluding cows).										Cows.										Calves.										Sheep.										Pigs.										Beef.										Pork.										Mutton.										Offals.										Beef.										Pork.									
		Producer-retailer.		Producer-wholesaler.		Producer-wholesaler and retailer.		Retailer only.		Producer-retailer.		Producer-wholesaler.		Producer-wholesaler and retailer.		Retailer only.		By Local Authority.		Given up business.		Cleanliness.		No. satisfactory.		Tuberculosis.		Food and Drugs Adulteration.		No. satisfactory.		Defective floor.		Unsatisfactory Drainage.		Unsatisfactory lighting.		Unsatisfactory ventilation.		Unsatisfactory Water Supply.		No. in district.		No. of Inspections.		No. of Registered.		No. of Licensed.		No. of Public.		No. of Inspections.		Is notice of Slaughtering duly carried out.		Cattle (excluding cows).		Cows.		Calves.		Sheep.		Pigs.		Beef.		Pork.		Mutton.		Offals.		Beef.		Pork.		Mutton.		Offals.																																																																																																																																																																																					
URBAN.	Asburyton	20	21	16	1	—	—	—	—	Nil	4	98	50	25	35	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Yes	6	32	3	3	Nil	385	Yes	162	142	72	63	10	10	409	344	295	276	756 lbs.	224 lbs.	Nil lbs.	34 lbs.	134 lbs.	35 lbs.	24 lbs.	20 lbs.																																																																																																																																																																																																										
	Asburyton	4	3	Nil	4	16	3	Nil	4	Nil	Nil	7	2	25	35	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Yes	6	32	3	3	Nil	385	Yes	162	142	72	63	10	10	409	344	295	276	756 lbs.	224 lbs.	Nil lbs.	34 lbs.	134 lbs.	35 lbs.	24 lbs.	20 lbs.																																																																																																																																																																																																												
	Asburyton	4	3	Nil	4	16	3	Nil	4	Nil	Nil	7	2	25	35	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Yes	6	32	3	3	Nil	385	Yes	162	142	72	63	10	10	409	344	295	276	756 lbs.	224 lbs.	Nil lbs.	34 lbs.	134 lbs.	35 lbs.	24 lbs.	20 lbs.																																																																																																																																																																																																												
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	Asburyton	4	3	Nil	4	16	3	Nil	4	Nil	Nil	7	2	25	35	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Yes	6	32	3	3	Nil	385	Yes	162	142	72																																																																																																																																																																																																																											

TABLE XI. 1938.
Y OF SANITARY INSPECTORS' RETURNS.
URBAN DISTRICTS.

[illegible]

TABLE XII. 1938.
SUMMARY OF SANITARY INSPECTORS'
RURAL DISTRICTS.

DISTRICTS.	FOOD SUPPLY.																														RURAL DISTRICTS.							
	MILK.															BAKE-HOUSES.		SLAUGHTERHOUSES.																				
	No. of Cow-keepers or Dairy-men on registers at end of year.															No. in district.		Amount of Unit Meat destroyed (home killed)																				
No. of Inspections.															No. of Registered.		Amount of Unit Meat destroyed (home killed)																					
No. removed from register during the year.															No. of Licensed.		Amount of Unit Meat destroyed (home killed)																					
No. of Samples taken for:—															No. of Public.		Amount of Unit Meat destroyed (home killed)																					
No. of Cowsheds with:—															No. of Inspections.		Amount of Unit Meat destroyed (home killed)																					
Are methods for producing Clean Milk generally satisfactory.															Is notice of Slaughtering duly carried out.		Amount of Unit Meat destroyed (home killed)																					
Cattle (excluding cows)															Cows.		Amount of Unit Meat destroyed (home killed)																					
Cows.															Calves.		Amount of Unit Meat destroyed (home killed)																					
Sheep.															Pigs.		Amount of Unit Meat destroyed (home killed)																					
Tuberculosis.															Other Diseases and Conditions.		Amount of Unit Meat destroyed (home killed)																					
Beef.															Pork.		Amount of Unit Meat destroyed (home killed)																					
Mutton.															Offals.		Amount of Unit Meat destroyed (home killed)																					
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Mutton.															Offals.		Amount of Unit Meat destroyed (home killed)																					
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Mutton.															Offals.		Amount of Unit Meat destroyed (home killed)																					
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TABLE XII. 1938.
SUMMARY OF SANITARY INSPECTORS' RETURNS.
RURAL DISTRICTS.

[illegible]

